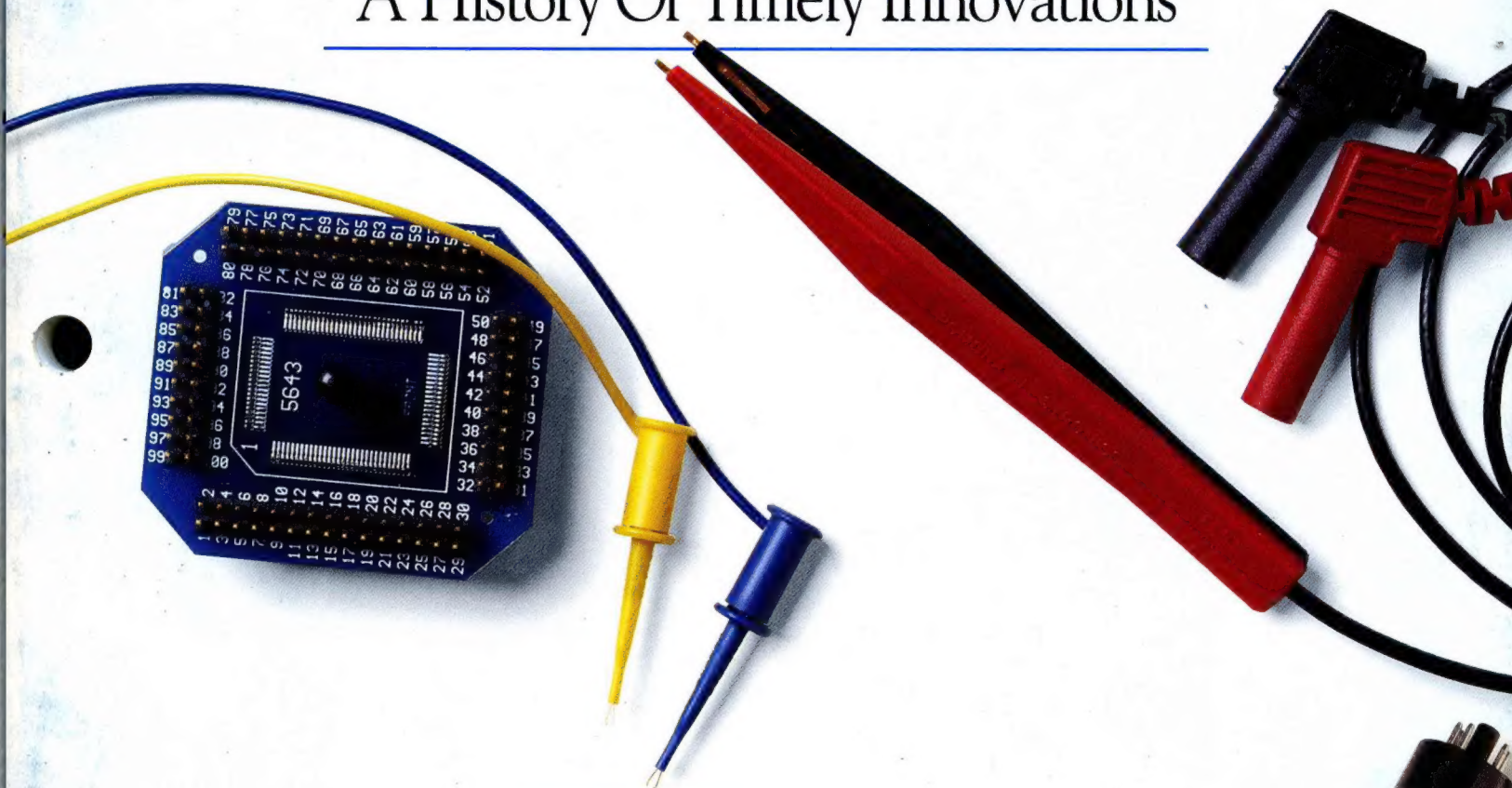


1991 Catalog

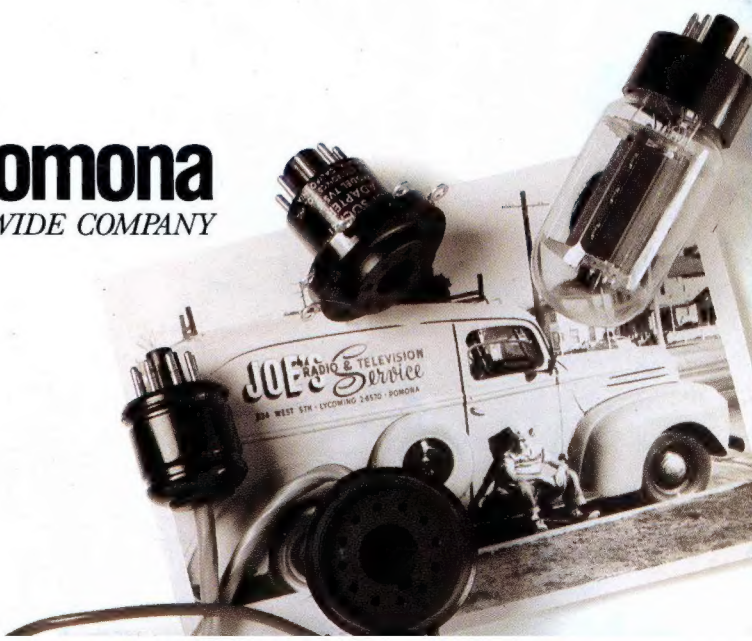
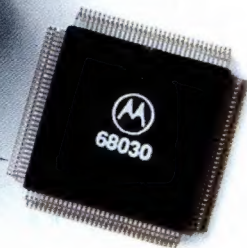
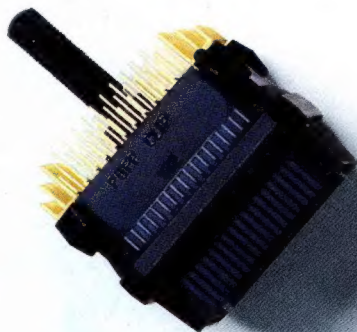
Electronic Test Accessories

Pomona

A History Of Timely Innovations



ITT Pomona
AN ITT EMC WORLDWIDE COMPANY





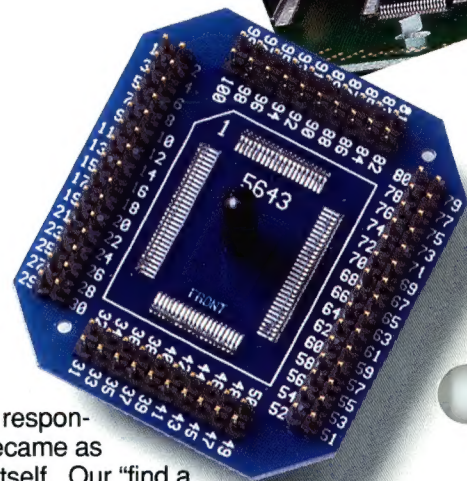
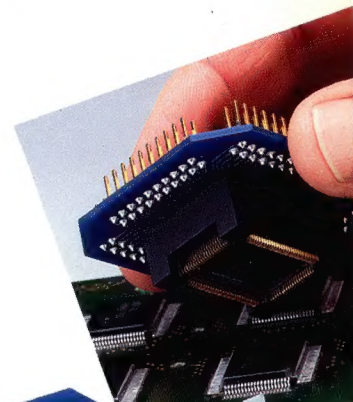
Pomona's TV picture tube socket adapters provided a way to test CRT's with commonly available test equipment. Color-coded interconnections made signal tracing simple.



Circa 1953, TVS Series Tube Socket Adapter solved the problem of measuring voltages on the pins of TV receiving tubes while in circuit.



MS-1 Reverse Polarity Switch mounted directly onto analog meters, eliminated the need to switch meter test leads to obtain correct polarity.



It Was Innovation Then

Before Pomona Electronics there was Joe's Radio and Television Repair Service. It was an era of exciting innovations, as the electronics industry witnessed many new products. And with them, the needs of better ways to test.

With the pioneering spirit of the early 1950's, Pomona introduced its first product, a CRT test adapter. The first real test accessory had been born. Within a short time, a family of quality, easy-to-use test accessories emerged to answer testing problems. Pomona had become the "technician's friend".

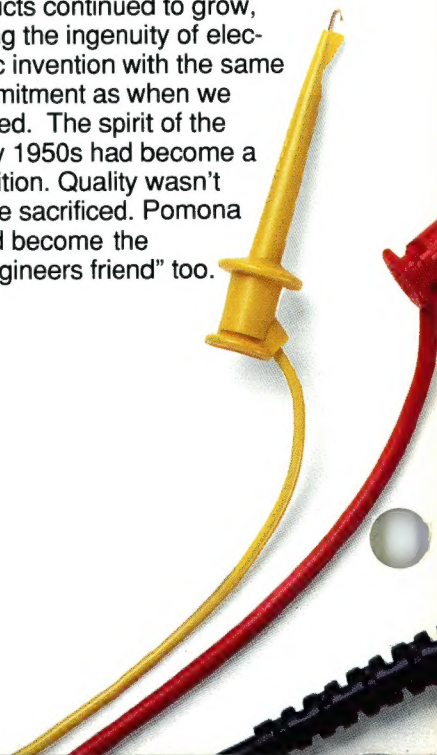
There was something special about all of it. Pomona was looking for a better way to do things, with a particular insistence on quality. As testing became increasingly vital to the new "electronics" industry,



new demands for quality, responsiveness and selection became as important as the product itself. Our "find a way" credo helped the company to grow and diversify.

Throughout this period, test accessories became critical tools for engineers and designers, and technology turned towards miniaturization. Our family of products continued to grow, pacing the ingenuity of electronic invention with the same commitment as when we started. The spirit of the early 1950s had become a tradition. Quality wasn't to be sacrificed. Pomona had become the "engineers friend" too.

ITT Pomona
AN ITT EMC WORLDWIDE COMPANY



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DIP, SOIC, PLCC, PGA,
LCC, PQFP,
Clips & Adapters



Standard Miniature
Banana, Pin Tip, Plugs,
Jacks & Binding Posts



Banana, BNC, TNC,
UHF, Type N, SMA,
Phone, Phono, Alligator
Adapters, Terminators,
Panel/Bulkhead
Receptacles
Tube Test Sockets



BNC, TNC, F, N, SMA,
SMB, SMC, Triaxial,
Twinaxial Audio
(EP, XLR) Cabling
Instructions



Thermoplastic
Phenolic
Die Cast Aluminum
Extruded Aluminum
Connectorized



Cable & Cord Selector
Micrograbber®
Minigrabber®
Maxigrabber®
SMD Grabber
Minipincer™
Test Clips & Cords



Miniature & Standard
Banana, Spade Lug,
BNC, TNC, Pin Tips,
Alligator, UHF, N, Triax,
Phono, F, Phone
Cables & Cords



Standard, Replaceable,
Repairable, Tweezer,
Test Leads &
Accessories for
Multimeters &
Oscilloscopes



Wrist Band
Ground Cords
Accessories



Assemblies
Integral Components
Brand Labeling
Color/Coding

Test Leads You Can Depend On. Now In Convenient Kits

Pomona Electronics provides industry's most complete family of test leads and accessories, now available in a selection of versatile kits. You can choose just the right assortment of test leads and interchangeable test clips or probes to answer your specific needs. Twelve kits in all. All packaged in handy, re-usable Velcro® sealed nylon pouch or molded plastic case.

You'll find we've done our homework, fitting the right pieces together. And, naturally, we've designed them to be dependable and accurate. Our maxi-kit (shown below) is a good example, the ultimate Test Lead set for the professional who must be ready for anything.

*Velcro is a Registered Trademark of Velcro USA, Intl.

2 COUPLES
TO JOIN
LEADWIRES
FOR EXTRA
LENGTH

IC LEG
SLIDE-ON
TIPS (20)

SPADE
LUGS (2)

REPLACEABLE
TIP TEST
PROBES (2)
POP-JACK
COMPATIBLE

INSULATED
ALLIGATOR
CLIPS (2)
POP-JACK
COMPATIBLE

MINIPINER™
TEST CLIP
10" SILICONE
POP-JACK LEADS

INSULATED BATTERY
CLIPS (2) POP-JACK
COMPATIBLE

MULTIMETER
JACK TEST LEADS
48" SILICONE (2) POP-JACK
COMPATIBLE

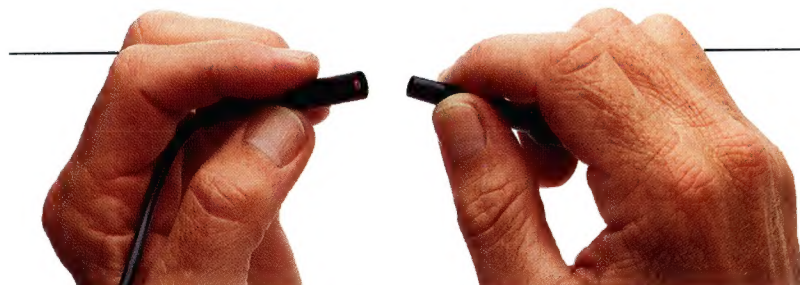
MINIGRABBER®
TEST CLIP, 10"
SILICONE
POP-JACK LEADS

REPLACEABLE
TIPS

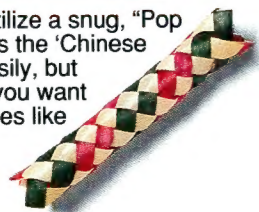
SILICONE-
INSULATED
LEAD SET WITH
EXTENDABLE
TIP PROBES

LARGE 4-PANEL
NYLON POUCH,
VELCRO-SEALABLE
WINDOWED
POCKETS

Silicone Insulation A long-life feature on seven Pomona kits, quality silicone insulation has proven more pliable and easier to handle than PVC insulation. Plus, it's almost completely resistant to heat. So, when a hot soldering iron accidentally contacts the lead wire, it doesn't mean it's time to replace the lead.



Interchangeable Clips & Probes Five Pomona kits utilize a snug, "Pop Jack" connector that works using much the same principle as the 'Chinese Finger Puzzle'. Developed by Pomona, parts go together easily, but stay put while you're working. Connections are secure until you want to switch among different clips and probes. It's special touches like these that keep us in tight with our customers.



A Choice of Quality Kits

(see pages 123 - 126)

Electronic Test Kits

Maxi-Kit
Deluxe Kit
Multi-Use Kit
Standard Test Kit

Kit No.

5677
5674
5543
5672

Electrical Test Kits

Heavy-Duty Kit
Medium-Duty Kit

5673
5675

"Value-Added" Kits

SMD Test Tweezer
Extendable Tip Test Kit
Replaceable Tip Kit
Field Repairable Test Lead Kit
Standard Replacement Test Leads
Pen Meter Test Lead Kit

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1166	98	1985	90	2842	95	3288	42	3784	85
1167	113	1987	91	2854	26	3289	40	3785	86
1177	62	1990	96	2860	95	3290	35	3786-C	87
1236	99	2035	24	2864	92	3291	36	3787-C	88
1269	34	2072	27	2882-C	111	3296	36	3788	116
1270	35	2095	63	2885	115	3301	66	3789	116
1275	35	2096	61	2886	115	3302	72	3822	33
1285	38	2097	61	2894	33	3303	72	3832	29
1286	33	2098	61	2901	65	3306	66	3833	28
1296	36	2099	63	2902	71	3311	66	3834	29
1297	38	2101	63	2903	71	3312	72	3837	39
1325	20	2102	63	2906	65	3316	66	3839	49
1326-A/C	108	2103	63	2943	32	3328	73	3840	45
1330	22	2104	62	2944	24	3352-A	119	3841	41
1330-ST	22	2105	61	2945	24	3364	22	3842	41
1366-C	104	2112	38	2948	90	3365	38	3843	41
1367-C	102	2138	32	2952	32	3405	33	3844	42
1368-A	112	2142	28	2953	33	3415	34	3845	42
1370	91	2143	28	2957	39	3430	36	3846	41
1383-C	103	2184	112	2970	21	3448	40	3847	41
1390	23	2223	104	2977-J	121	3452	25	3850	60
1432	32	2224	62	2990	34	3478	31	3862	28
1433	23	2239	113	3014	95	3479	31	3863	28
1437	40	2240	40	3027-K	113	3491	40	3864	108
1440	90	2241	111	3030	24	3502	22	3901	115
1442	36	2244	25	3073	115	3533	41	3916A	14
1452	37	2245	25	3137-C	105	3534	41	3925	84
1468	34	2247	108	3199-C	105	3535	42	3957	115
1469	36	2248	109	3201	91	3542	29	3958	73
1508	117	2249-C/E/K/M	101	3202	91	3544	25	3966	115
1555-C	109	2256-C/X	107	3217	40	3545	25	4005	26
1581	26	2259	61	3220	99	3548	25	4011	84
1613	99	2262	62	3221	115	3560	32	4022	28
1614	31	2269	26	3222	100	3561	32	4026	39

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4043	39	4418	50	4770	30	4933	20	5072	131
4044	36	4420	50	4771	100	4934	20	5075	132
4050	67	4487	102	4772	100	4935-BB	105	5076	49
4053	120	4488	51	4773	29	4939-PP	118	5077	49
4054	39	4496	107	4775	72	4940	41	5078	49
4057	67	4511	21	4776-K	83	4941	39	5079	51
4069	26	4512	21	4777-C/K	82	4945-K	110	5081	46
4098	30	4513	24	4778	83	4948	132	5083	15
4108	45	4517	40	4780	48	4953-J	121	5084	46
4115	31	4521	81	4786	51	4956	41	5085	49
4119	45	4524	102	4787	51	4957	53	5086	42
4124A	14	4528-K/BB/X	106	4788	48	4958	53	5088	49
4140A	14	4530	109	4795	48	4959	48	5089	41
4157	49	4531	110	4797	38	4960	51	5090	42
4158	46	4532	110	4800	129	4963-E	118	5091	47
4159	46	4536	86	4804	52	4964-SS	101	5092-K	118
4160	46	4537	87	4805	52	4966	27	5108	14
4163	27	4538	87	4808	47	4967	27	5109	56
4174	129	4543	29	4809	47	4969	117	5110	56
4176	84	4550	133	4812-J	88	4970	117	5113	56
4225	89	4555	84	4813-K/BB/X	106	4971	132	5114	14
4226	65	4565	89	4814-K/BB/X	106	4974	100	5116	14
4233	81	4566	15	4815	115	4977	51	5117	56
4236A	14	4567	92	4826	84	4978	51	5118	56
4240	45	4578	48	4827	89	4979	46	5119	56
4243	30	4585	91	4846-K/BB/X	106	4980	51	5120	14
4245	73	4587	84	4847	129	4981	51	5123	56
4246	73	4590	28	4848	129	4984	39	5124	14
4247	73	4601	26	4849	47	4986	20	5125	56
4248	73	4613	81	4850	47	4987	20	5126	56
4267	39	4614	28	4851	129	4988	129	5129	56
4274	92	4617	24	4852	129	4990-B	119	5130	56
4276	101	4618	28	4853	131	4991	48	5131	56
4277	102	4619	31	4856	132	4992	100	5133	129
4279	120	4631	73	4857	131	4993	38	5140	14
4280	120	4641	66	4858	131	4995	30	5142-K	127
4281	121	4642	73	4859	52	4996	89	5143-K	127
4282	44	4648	89	4860	52	4997	51	5144	127
4283	44	4649	86	4862	68	4998	51	5145	21
4284	44	4650	86	4864	68	4999	51	5148	46
4285	44	4652	83	4889	46	5001	37	5151-J	119
4286	49	4653	24	4890	49	5008	39	5152	51
4287	49	4654	28	4892	22	5009	117	5153	97
4288	44	4655	65	4893	51	5014	14	5155	49
4289	44	4656	71	4895	41	5016	15	5156	49
4290	44	4658	73	4896	41	5018	30	5157	49
4291	44	4661	53	4897	20	5019	88	5165	21
4292	44	4684	34	4898	22	5024	15	5166	69
4293	44	4690	32	4899	20	5025-E	118	5167	20
4294	44	4691	32	4900	26	5026	119	5168	20
4295	44	4702	91	4901	30	5036	94	5169	20
4296	44	4716	82	4902	60	5040	15	5170	20
4297	44	4719	38	4903	65	5043	81	5171	29
4298	44	4720	66	4904	15	5044	130	5172	29
4299	44	4723	84	4906	128	5048	129	5173	25
4311	84	4724	89	4908	128	5051	116	5174	25
4324A	14	4725	107	4911	93	5053	81	5178	42
4340A	14	4726	73	4912	93	5054	107	5186	65
4354	92	4729	37	4913	93	5056	53	5187-C/K	88
4384	60	4739	66	4914	21	5058-X	106	5188	116
4386	15	4740	96	4919	82	5059	40	5189	116
4388	47	4741	100	4920-PP	118	5061	51	5198	73
4391	45	4742	73	4921	28	5066	52	5200	82
4408	117	4743	81	4922	27	5067	52	5201	87
4410	129	4768-K	83	4930	35	5068	52	5202	50
4416	73	4769	31	4931	99	5069	117	5203	65

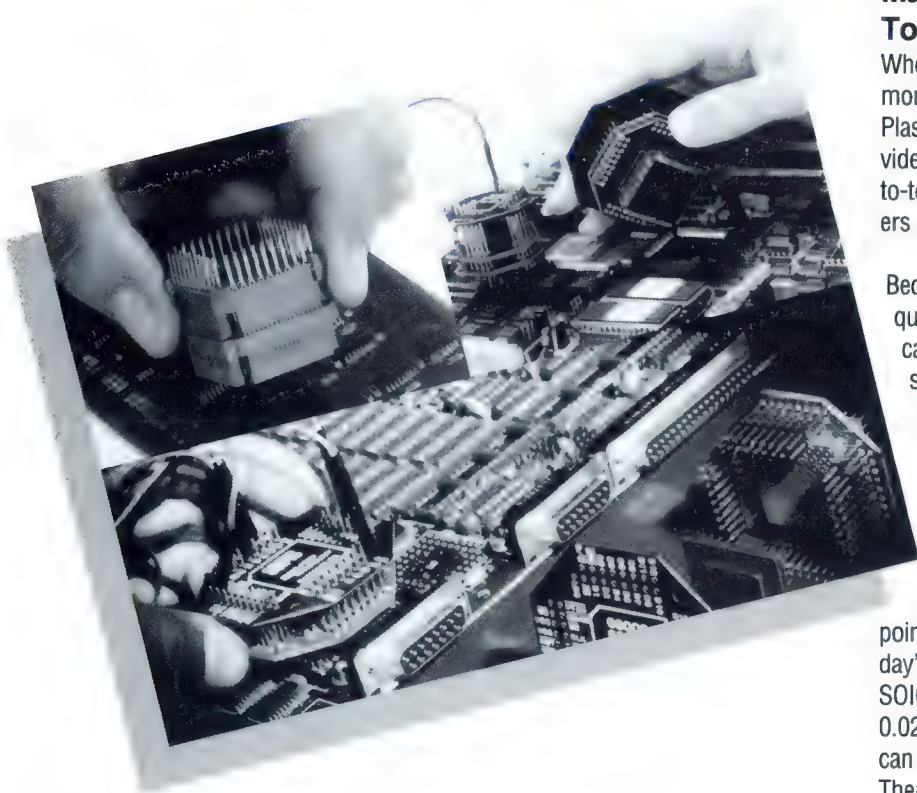
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5205	50	5343-C	94	5443	19	5563	55	5679	124
5208	14	5344	52	5444	19	5564	55	5680	130
5214	14	5345	52	5445	19	5565	55	5681	130
5216	14	5348	46	5447	19	5566	55	5682	128
5218	53	5356	130	5448	19	5567	55	5683	130
5219	47	5357	130	5450	19	5568	55	5685	128
5220	14	5358	130	5451	19	5569	56	5686	128
5223	107	5359	130	5452	19	5570	56	5687	129
5224	14	5360	77	5453	19	5571	56	5688	129
5230	20	5362	78	5454	19	5578	15	5689	128
5231	77	5363	40	5455	19	5579	15	5692	14
5233	26	5365	48	5458	19	5580	15	5693	14
5240	14	5366	52	5461	19	5581	15	5694	14
5243	77	5367	52	5468	19	5582	15	5695	14
5246	128	5368	52	5486	19	5583	15	5696	101
5250	16	5369	52	5508	19	5584	15	5697	103
5251	16	5370	52	5510	37	5586	134	5698	43
5252	16	5371	52	5511	41	5587	134	5699	31
5253	16	5372	52	5512	45	5588	134	5700	31
5254	16	5373	52	5513	45	5590	134	5701	31
5255	65	5374	46	5514	16	5592	125	5702	133
5259	94	5375	53	5515A NEW	17	5593	125	5703	133
5260	102	5376	53	5516	124	5594	125	5704	133
5266-C	101	5377	53	5517	124	5595	128	5705	133
5268-C	110	5378	53	5518	124	5596	128	5706	133
5270	85	5379	53	5519	124	5597	128	5707	134
5271	130	5380	53	5520	77	5608	46	5708	134
5272	130	5381	53	5521	78	5618	134	5709	134
5278	42	5382	53	5522	84	5619	134	5711 NEW	18
5279	17	5383	46	5523	85	5620	134	5713 NEW	18
5280	17	5384	48	5524	81	5621	133	5732 NEW	90
5281	17	5386	129	5525	81	5622	133	5733 NEW	17
5282	51	5401	17	5528	135	5635	128	5734 NEW	43
5283	51	5402	17	5529	135	5643	18	5735 NEW	43
5284	51	5403	93	5530	135	5644	18	5736 NEW	43
5285	51	5404	70	5531	135	5645	18	5737 NEW	43
5286	51	5405	33	5532	135	5649	14	5738 NEW	43
5290	42	5406	20	5533	135	5650	14	5739 NEW	43
5291	114	5410	116	5534	135	5656	19	5740 NEW	43
5292	126	5411-C	78	5539	57	5657	19	5741 NEW	43
5294	26	5412	77	5540	57	5658	19	5742 NEW	43
5295	114	5413	16	5541	57	5659	19	5743 NEW	43
5296	51	5418	79	5542	57	5660	19	5744 NEW	43
5297	45	5419	80	5543	125	5661	19	5745 NEW	18
5298	41	5421	80	5544	128	5662	19	5746 NEW	17
5299	41	5422-C	79	5545	128	5663	19	5747 NEW	17
5300	41	5423-C	80	5546	128	5664	19	5748 NEW	43
5301	78	5424	79	5547	128	5665	19	5749 NEW	43
5302	77	5425	126	5548	128	5666	19	5750 NEW	20
5303	77	5426	126	5549	17	5667	19	5751 NEW	18
5304-K	78	5427	126	5550	17	5668	19	5752 NEW	43
5305	117	5428	126	5551	17	5669	19	5753 NEW	43
5307	51	5430	79	5552	17	5670	124	5754 NEW	43
5309	124	5432	130	5553	17	5671	125	5755 NEW	43
5311	131	5433	130	5554	17	5672	125	5756 NEW	43
5312	17	5434	130	5557	55	5673	126	5757 NEW	43
5314	14	5435	130	5558	55	5674	126	5758 NEW	43
5319	39	5436	130	5559	55	5675	125	5759 NEW	43
5325	124	5437	16	5560	55	5676	124	5760 NEW	43
5339	82	5439	52	5561	55	5677	126	5764 NEW	18
5342	107	5442	19	5562	55	5678-K	127	5765 NEW	18

POMONA

Pomona Surface Mount Device Test Accessories, IC Clips & Adapters.



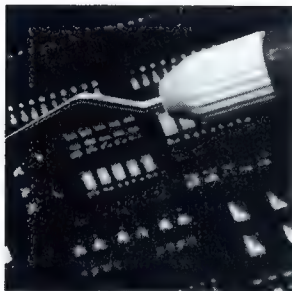
Make Testing Easier For Tomorrow's Hottest Industry.

Whether you're troubleshooting today's most common IC packages, or seeking to test the newest Plastic Quad Flat Pack (PQFP) devices, Pomona provides the answers to accessing otherwise impossible-to-test, high-density IC leads. 73 IC clips and adapters are offered in styles to meet your needs.

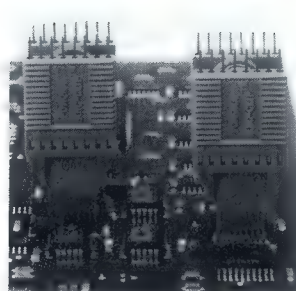
Because all DIP and other IC clip and adapter requirements are not the same, Pomona provides a carefully chosen selection of devices to fit your specific application. Nickel silver contacts for low cost, or gold plating for low contact resistance.

Pomona IC Clips fit over board mounted ICs. "Pin Breakouts" fit between the IC and the socket. "Socket Interfaces" fit in place of the IC, directly in the socket.

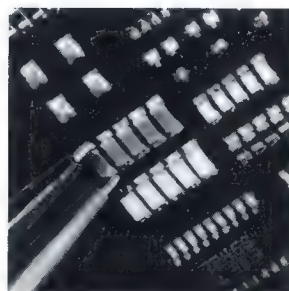
For ICs too small for alligators or most single point clips, Pomona offers solutions for testing today's most common 0.050" pin spacing packages; SOIC, PLCC and LCC. For even higher densities of 0.025" (nominal) spacing, where no single point clip can fit, Pomona introduces clips for PQFP packages. There's also a host of helpful Pomona test accessories to complement the increasing demands for dependable IC testing.



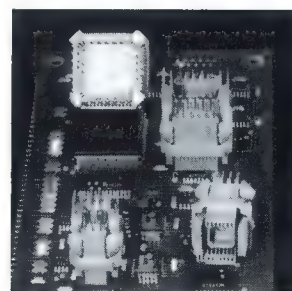
SMD Dog-Leg Microtip Test Probe included in Kit No. 5676 provides a needle point tip for contact with circuit pads. The sharp but flexible tip stays in place for reliable contact during test.



SOIC Clip™ adapters feature insulating barrier between each gold plated beryllium copper contact to prevent shorting. Upper contacts are 0.025" square gold plated phosphor bronze pins on 0.100" centers. (See Chart for model selection)



SMD Test Tweezers (Models 5142, 5143 & 5678) provide simple yet accurate method to test devices. Each tweezer tip contains a gold plated beryllium copper contact. Model 5142 -with BNC male connector
Model 5143 -with 2 standard stacking banana plugs
Model 5678 -with 2 sleeved banana plugs


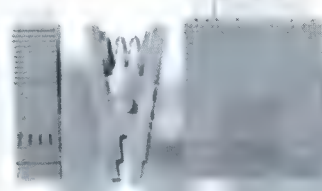

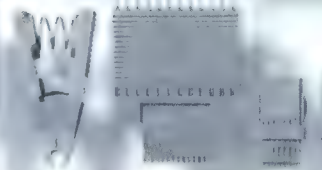

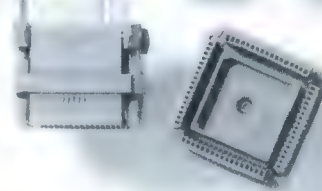


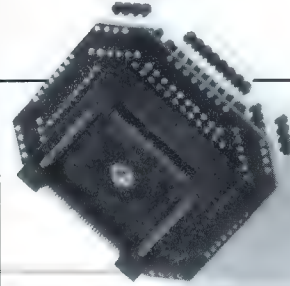



PLCC Quad Clip® adapter uses a "snap ring" to securely lock onto Plastic Leaded Chip Carrier (PLCC) body. Six models available from 20 to 84 pin styles. Gold plated beryllium copper contacts. Upper dual row of pins at 0.100" centers for easy testing access. (See chart for model selection)

IC Test Clips & Adapters

HOW TO SELECT THE RIGHT IC CLIP OR ADAPTER

Simply match the device style and pin configuration to be tested, then select the Pomona part number suited to your testing and material specifications (see table footnotes for keyed materials).

Clips for Board Mounted IC's			
Package	No. of Pins	Model No.	
DIP Dual In-Line Package (.100 Pin Spacing, Thru Hole) 	8	5108 ¹ , 5208 ² , 5649 ⁵	
	14	5014 ³ , 5114 ⁴ ,	
	16	5214 ¹ , 5314 ² , 5650 ⁵	
	20	3916A ³ , 4236A ⁴ ,	
	24	5116 ¹ , 5216 ² , 5692 ⁵	
	40	5120 ¹ , 5220 ² , 5693 ⁵	
SOIC Small Outline IC (.050 Pin Spacing, Surface Mnt) 	8	5250	
	14	5251, 5413 ⁶	
	16	5252	
	20	5253	
	24	5254	
	28	5437	
PLCC Plastic Leaded Chip Carrier (.050 Pin Spacing, Surface Mnt) 	20	5279	
	28	5280	
	32	5733	
	44	5281	
	52	5312	
	68	5401	
PGA Pin Grid Array (.100 Pin Spacing, Grid Thru Hole) 	84	5402	
LCC Leadless Chip Carrier (.050 Pin Spacing) 			
PQFP Plastic Quad Flat Pack (.025 to .0315 Pin Spacing) 	EIAJ		
	80 (20X20)	5751	
	100 (20X30)	5643	
	120 (30X30)	5644	
	160 (40X40)	5645	
	JEDEC		
	100 (25X25)	5713	
	132 (33X33)	5711	

¹Gold Plated Beryllium Copper

²High Density, Gold Plated Beryllium Copper

³Spring Tempered Nickel Silver

⁴High Density, Spring Tempered Nickel Silver

⁵Oxide Penetrating

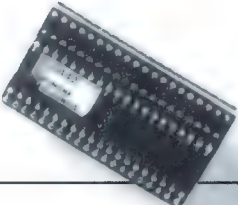
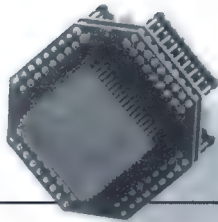
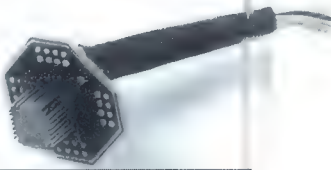
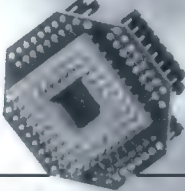
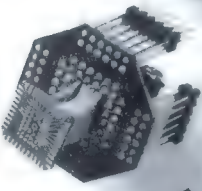
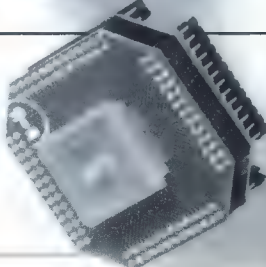
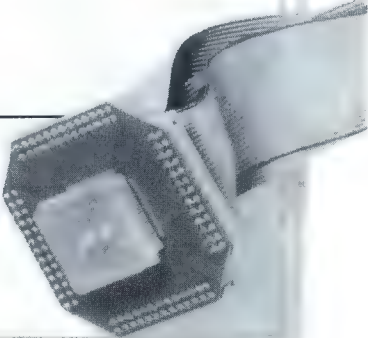
⁶Snap Ring Design

⁷Amp Socket

⁸3M Socket

Selector Guide

ADAPTERS FOR SOCKET MOUNTED IC'S

Pin Breakout			Socket Interface		
No. of Pins	Model No.		No. of Pins	Model No.	
40 48 64	5442 5443 5444				
20 28 44 52 68 84	5450 5451 5452 5453 5454 5455		20 28 44 52 68 84	5660 5661 5662 5663 5664 5665	
68 (10X10) 68 (11X11) 120 (13X13) 128 (13X13) 132 (14X14)	5461 5458 5468 5508 5486				
44 68 84	5445 5447 5448				
JEDEC 100 ⁷ 100 ⁸ 132 ⁷ 132 ⁸	5656 5657 5658 5659		JEDEC 100 ⁷ 100 ⁸ 132 ⁷ 132 ⁸	5668 5666 5669 5667	

POMONA

DIP CLIPS

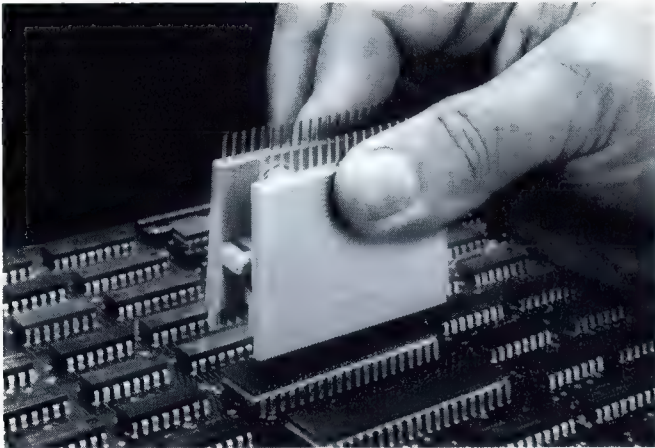
DIP CLIPS

Pomona Electronics' Dip Clips are designed especially for testing dual-in-line IC packages on high-density PC boards. The Dip Clip has many built-in features that assure a positive electrical connection and at the same time provide hands-free testing. The high density Dip Clips are used for ultra-dense packaged chips located adjacent to each other on 2.54 (.100) spacing.

MATERIAL: Contact, tarnish resistant nickel, silver or gold plated beryllium copper. Stainless steel hinge pin and spring.

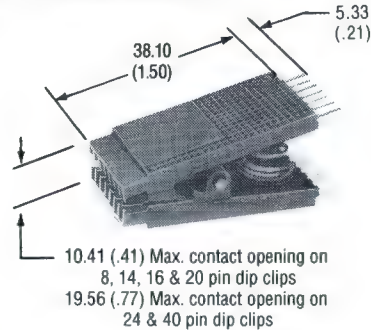
INSULATION: Glass filled nylon, blue.

RATING: 500 VRMS, 1 Amp, +102°C. (+216°F.) Max.



FEATURES

- Contacts 1.02 (.040) wide on lower end are serrated for good electrical connection.
- 0.64 (.025) x 0.71 (.028) square serrated test points on upper end will accept wire wraps or mini test clips.
- Molded barrier between each contact allows connections to be made on live boards without accidental shorting of adjacent contacts.
- Can be used as an insertion and removal tool for DIPs.
- Accepts IC Jumper Cables (page 15).



STANDARD
(5014 Shown)

No. of Pins	Type		Contact Material	LIST
	Standard	High Density		
8	5108	5208	Gold Plated Beryllium Copper	7.45
14	5014	5114	Spring Tempered Nickel Silver	7.15
	5214	5314	Gold Plated Beryllium Copper	9.15
16	3916A	4236A	Spring Tempered Nickel Silver	6.40
	5116	5216	Gold Plated Beryllium Copper	9.10
20	5120	5220	Gold Plated Beryllium Copper	10.85
24	4124A	4324A	Spring Tempered Nickel Silver	14.10
	5124	5224	Gold Plated Beryllium Copper	18.25
40	4140A	4340A	Spring Tempered Nickel Silver	20.60
	5140	5240	Gold Plated Beryllium Copper	25.10

See pg. 19 for DIP Socket Test Adapters.

	X Min.	Y Min.	Z Min.
Single Chip Testing Standard	3.30 (.130)	1.91 (.075)	1.02 (.040)
Single Chip Testing High Density	2.67 (.105)	1.27 (.050)	1.02 (.040)
Adjacent	7.62 (.300)	5.72 (.225)	2.03 (.080)

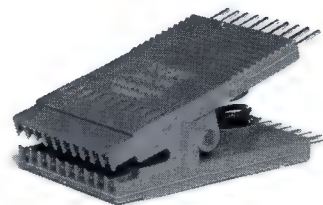
OXIDE PENETRATING DIP CLIPS

For use with DIP IC's exposed to contaminating environments. Same features as Pomona's Standard line of Dip Clip Test Adapters, but with the additional benefit of a roughened stainless steel surface coating on the contacts.

MATERIAL: Contact, tarnish resistant nickel or gold plated beryllium copper. Stainless steel hinge pin and spring.

INSULATION: Glass filled nylon, gray.

RATING: 500 VRMS, 1 Amp, 102°C. (+216°F.) Max.



MODEL	No. of Pins	LIST
5649	8	11.20
5650	14	10.80
5692	16	9.70
5693	20	16.30
5694	24	21.20
5695	40	31.00

POMONA

DIP ACCESSORIES

DIP JUMPER CABLE (CONNECTORS, ONE END ONLY)

1ST END: Two IC Sockets, phosphor bronze, gold plated. Insulation, Noryl, black.

WIRE: 26 AWG, 7 X 34, multi-conductor flat ribbon cable.

2ND END: None.

RATING: +93°C. (+200°F.) Max.

Used on DIP Clips and SOIC Clips.



(Dip Clip not included.)

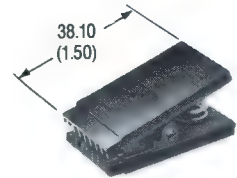
MODEL	Conductors	Used On	LIST
5578	8	5108, 5208, 5250	8.00
5579	14	5014, 5114, 5214, 5251, 5314	9.00
5580	16	3916A, 4236A, 4566, 5116, 5216, 5252	10.00
5581	20	5120, 5220, 5253	12.50
5582	24	4124A, 4324A, 5124, 5224, 5254	15.00
5583	28	5437	17.50
5584	40	4140A, 4340A, 5140, 5240	21.00

STATIC CONTROL DIP REMOVERS

These DIP Removers are built of special plastic that not only has the strength to pull the most stubborn DIP, but actually prevents electrostatic buildup. The surface resistivity controls surface charges and protects even the most sensitive of electronic circuits. This excellent design also minimizes accidental bending of contacts.

MATERIAL: Antistatic Noryl, black.

TEMPERATURE: Heat distortion temperature @ 265 psi greater than +93°C. (+200°F.)



MODEL	Size	Removes Dips	Accepts Dips	LIST
5016	16	8-20 Pins	To 8.89(.35)	5.50
5024	24	22-36 Pins	To 16.51 (.65)	6.05
5040	40	40-60 Pins	To 16.51 (.65)	7.05

ANTISTATIC DIP REMOVER

The dip remover is an excellent tool for the removal of dual in-line IC chips. With this tool, accidental bending of the contacts is at a minimum.

MATERIAL: Antistatic Noryl, black.

RATING: Heat distortion temperature @ 265 psi, +93°C. (+200°F.) Max. For I.C. DIP's 7.62 mm (.300) wide.



MODEL
4904

LIST 1.70

14/16 PIN DUAL IN-LINE TEST CLIP WITH ATTACHED HEADER

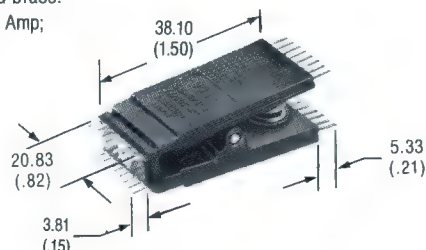
The DIP Clip with attached header is an excellent tool for plugging into 14/16 pin IC sockets to test circuits. You can either solder wires directly to the top pins of the DIP Clip or more conveniently, attach Pomona's IC Jumper Cable, Model 5580.

UPPER: Contacts, solid nickel silver.

INSULATION: Glass filled nylon, red.

LOWER: Pins, gold plated brass.

RATING: 500 VRMS; 1 Amp; +102°C. (+216°F.) Max.



MODEL
4566

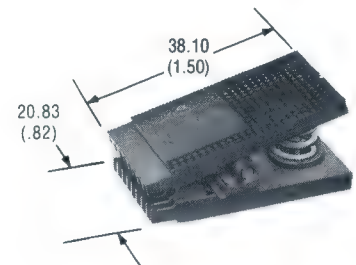
LIST 17.60

14/16 PIN DUAL IN-LINE DIP REMOVER

The DIP remover is an excellent tool for the removal of 14/16 pin dual in-line IC chips. With this tool, accidental bending of the contacts is at a minimum.

INSULATION: Glass filled nylon, red.

RATING: +102°C. (+216°F.) Max.



MODEL
4386

LIST 5.50

DIP GRIP® ACCESSORY

Pomona Electronics DIP Grip is designed especially for testing single contacts on Dual-In-Line Package (DIP) Integrated Circuits on 2.54 (.100) spacing. The DIP Grip assures positive electrical contact on one leg of the Dip across its 7.62 (.300) width and provides hands-free testing. Contact 1.02 (.040) wide on lower end is serrated for good electrical connection. 0.64 (.025) x 0.71 (.028) square serrated test point on upper end will accept square pin receptacle patch cords.

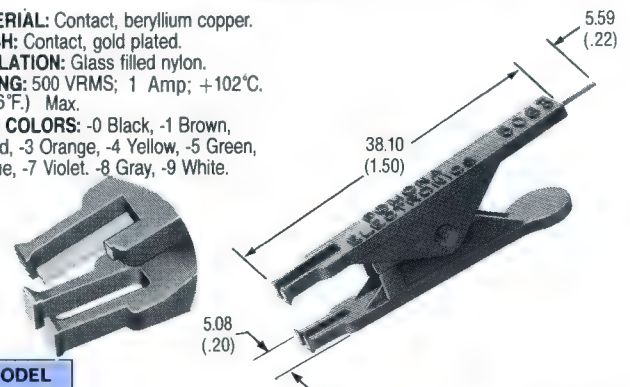
MATERIAL: Contact, beryllium copper.

FINISH: Contact, gold plated.

INSULATION: Glass filled nylon.

RATING: 500 VRMS; 1 Amp; +102°C. (+216°F.) Max.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL
5083-*

LIST 3.90

POMONA

SMD CLIPS

SOIC CLIP® TEST CLIP

These test clips are designed especially for testing Small Outline Integrated Circuits (SOIC and SOJ). The SOIC Clip™ Test Adapter assures a positive connection and provides hands-free testing.

FEATURES

- 0.64mm (.025) × 0.71mm (.028) square access pins on upper end permit either individual pin testing or the use of 2.54mm (.100) spaced connectors.
- Molded barrier between each contact allows connections to be made on live boards without accidental shorting of adjacent contacts.
- Can be used with Jumper Cables (page 15).

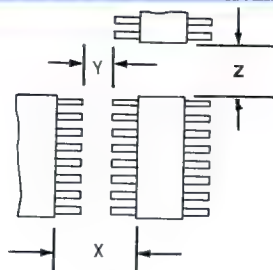
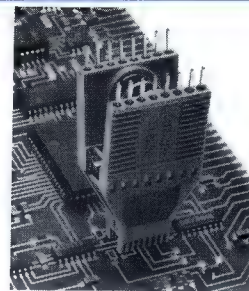


Fig. 1



APPLICATION PHOTO

.50 inch pitch

SOIC CLIP® TEST CLIP

These test clips have a spring design similar to our Dip Clip™ test adapters. The clip design allows testing of wide or narrow body chips and smaller sizes of PLCC.

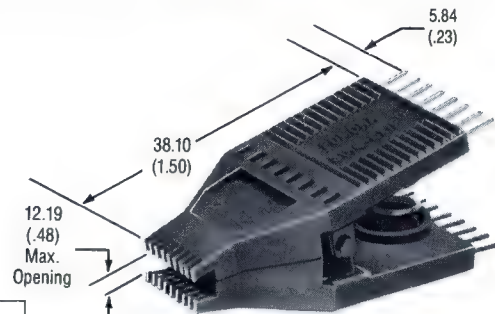
UPPER: 0.64mm (.025) × 0.71mm (.028) Square Pins.

Gold plated phosphor bronze.

INSULATION: Glass filled nylon, blue.

LOWER: Contacts. Gold plated beryllium copper.

RATING: 500 VRMS; 1 Amp; +102°C. (+216°F.) Max.



MODEL 5252 SHOWN

See Fig. 1

MODEL	No. of Pins	LIST
5250	8	8.00
5251	14	8.75
5252	16	9.50
5253	20	10.95
5254	24	15.95
5437	28	19.50

	X Min.	Y Min.
Single Chip Testing	4.06 (.160)	1.52 (.060)
Narrow Body (Adjacent)	15.24 (.600)	12.70 (.500)
Wide Body (Adjacent)	8.51 (.335)	5.97 (.235)

Z = .025
X No. of Contacts

SOIC CLIP® KIT

Kit contains one each: 8 Pin, 14 Pin, 16 Pin, 20 Pin, 24 Pin and 28 Pin SOIC Clip Test clips (shown above).



MODEL
5514

LIST 65.50

SNAP RING SOIC CLIP® 14 PIN TEST CLIP

This clip utilizes the "snap-ring" design as used in our Quad Clip™ test clips for a more secure fit. Smaller clip allows testing of devices on high density boards.

UPPER: 0.64mm (.025) × 0.71mm (.028) Square Pins with double row 2.54mm (.100) spacing. Gold plated phosphor bronze.

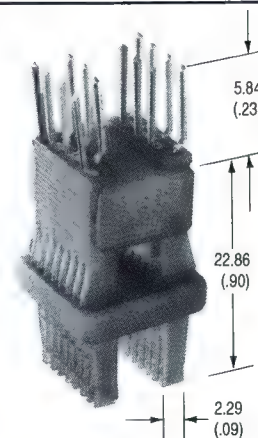
INSULATION: Glass filled nylon, blue.

LOWER: Contacts. Gold plated phosphor bronze.

RATING: 500 VRMS; 1 Amp; +102°C. (+216°F.) Max.

See Fig. 1

	X Min.	Y Min.	Z Min.
Single Chip Testing	4.06 (.160)	1.52 (.060)	4.57 (.180)
Adjacent Testing	9.14 (.360)	6.60 (.260)	4.57 (.180)



LIST 9.25

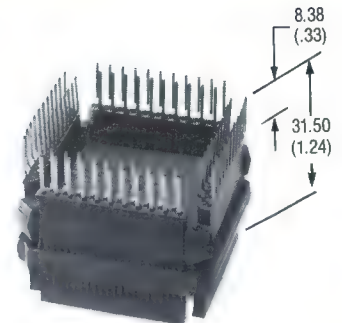
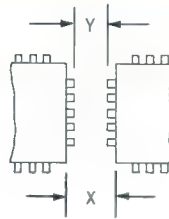
MODEL
5413

POMONA

PLCC CLIPS

PLCC QUAD CLIP® TEST ADAPTERS Pat. No. 4541676

These test adapters are designed for testing surface mounted Plastic Leaded Chip Carriers (PCC or PLCC) with "J" Leads (JEDEC MO-047 & MO-052). A "Snap-ring" design allows the Quad Clip to fit directly onto IC, providing hands-free testing.
UPPER: .64 (.025) Square Pins, staggered on 2.54 (.100) centers. Phosphorbronze, gold plated.
INSULATION: Glass filled nylon, gray.
LOWER: Contacts. Beryllium copper, gold plated.
RATING: 500 VRMS, 1 Amp, +102°C. (+216°F.) Max.



MODEL	No. of Pins	Pins p/Side	Pitch	LIST
5279	20	5 X 5	12.7(.50)	19.50
5280	28	7 X 7		31.90
5733	32	7 X 9		33.50
5281	44	11 X 11		37.50
5312	52	13 X 13		43.50
5401	68	17 X 17		49.50
5402	84	21 X 21		59.50

	X Min.	Y Min.
Single Chip Testing	3.05 (.120)	2.79 (.110)
Adjacent Testing	8.26 (.325)	7.24 (.285)

NEW

PLCC QUAD® CLIP KIT

Kit contains one each: 20 Pin, 28 Pin, 32 Pin, 44 Pin, 52 Pin, 68 Pin and 84 Pin PLCC Clips.



NEW

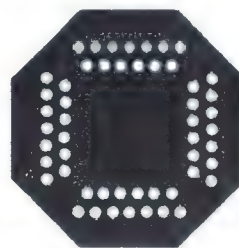
MODEL
5515A

LIST 245.00

PLCC QUAD® CLIP TEMPLATE

These simple-to-install templates are used with Quad Clip Test Adapters to identify pin locations. They are printed on each side to correspond to both conventional pin numbering systems.

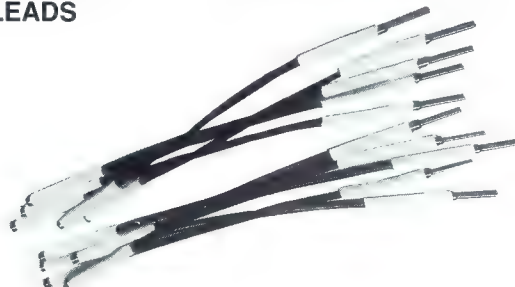
MODEL	No. of Pins
5549	20
5550	28
5747	32
5551	44
5552	52
5553	68
5554	84



LIST 2.50

PLCC QUAD AND SOIC CLIP FLYING LEADS

Use these leads to quickly and easily interconnect from PLCC and SOIC clips to .79 (.031) sockets found in Logic Analyzers and Emulator Pods. Leads have .64 (.025) socket one end to .79 (.031) pin. Kit contains 5 leads.



NEW

MODEL
5746

1ST END: .64 (.025) Socket. Gold plated beryllium copper.
WIRE: 26 AWG, 19 x 38 t.c., polyvinyl insulation.

2ND END: .79 (.031) Dia. Pin. Gold plated brass.
*** STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

LIST 18.00

POMONA

IC TEST CLIPS

JEDEC QFP (Quad Flat Pack) CLIP

These adapters are specifically designed to allow testing of surface mounted JEDEC plastic or ceramic Quad Flat Packs (See figures). Their special "Locking" features insure positive electrical interconnection while providing a solid mechanical connection in either the vertical or horizontal plane. The mechanism locks to the body of the IC avoiding damage to the leads.

Consult figs. A & B to identify the type of Quad Flat Pack (QFP) you have. Additional connection schemes for mass termination are available. Please contact the factory.

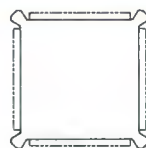
TYPICAL INTERFACE:

5711 Motorola 68020, 68030
5713 Intel 386SX

CONTACTS: Selectively gold plated beryllium copper.

INSULATION: Liquid crystal polymer and Nylon, black.

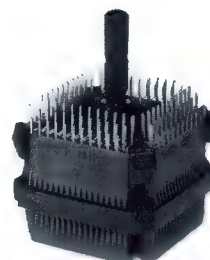
RATING: 250 VRMS Max., 1 Amp Max., +110°C. (+230°F.) Max.



PQFP (MO-069)
FIG. A



CQFP (MO-082)
FIG. B



NEW

MODEL	No. of Pins	Pins p/Side	PITCH	LIST
5713	100	25 x 25	0.64 (.025)	200.00
5711	132	33 x 33		225.00

JEDEC QFP CLIP FLYING LEADS

Use these leads to quickly and easily interconnect from JEDEC QFP clips to sockets found in Logic Analyzers and Emulator Pods. Leads have .30 x .56 (.012 x .022) socket one end to .79 (.031) pin. Kit contains 25 leads.



NEW

MODEL
5745*

1ST END: .30 x .56 (.012 x .022) Socket. Gold plated beryllium copper.

WIRE: 26 AWG, 19 x 38 t.c., polyvinyl insulation.

2ND END: .79 (.031) Pin. Gold plated brass.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

LIST 35.00

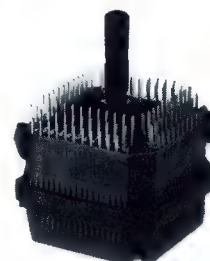
100 PIN JEDEC QFP (Quad Flat Pack) CLIP KIT

This kit includes one 100 pin JEDEC QFP Clip (Model 5713) and 100 JEDEC flying leads in ten assorted colors. Clip fits Intel 386SX chip package.



132 PIN JEDEC QFP (Quad Flat Pack) CLIP KIT

This kit includes one 132 pin JEDEC QFP Clip (Model 5711) and 150 flying leads in ten assorted colors. Clip fits Motorola 68020 and 68030 chip packages.



MODEL
5764

LIST 250.00

MODEL
5765

LIST 300.00

EIAJ PQFP (Plastic Quad Flat Pack) CLIP

Patent Pending

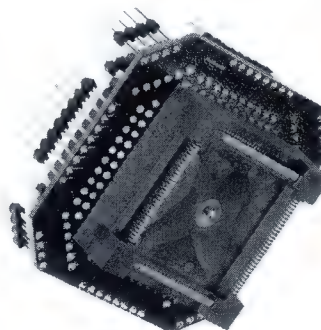
These test adapters are designed specifically for testing EIAJ Plastic Quad Flat Pack (PQFP) surface mounted IC's. "Press-on" design allows user to handle the Japanese 0.65mm and 0.80mm pitch gullwing lead PQFP's by fitting test adapters directly onto IC's.

CONTACTS: 0.30 (.012) Square pins, beryllium copper, gold plated.

INSULATION: Liquid crystal polymer, Vectra A-130, black.

RATING: 250 VRMS, 5 Amps, +110°C. (+230°F.) Max.

MODEL	No. of Pins	Pins p/Side	PITCH	LIST
5751	80	20 x 20	0.80mm	280.00
5643	100	20 x 30	0.65mm	317.00
5644	120	30 x 30	0.80mm	353.00
5645	160	40 x 40	0.65mm	425.00



NEW

POMONA

IC SOCKET ADAPTERS

PLCC PIN BREAKOUT

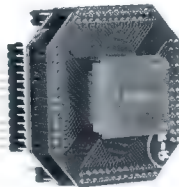
Use these test adapters to test socket mounted PLCC's. The PLCC test adapter is placed between the socket and the PLCC. 0.64 (.025) square pins allow easy access testing for all legs of the PLCC. An overlay template provides easy pin identification. Other sizes are available as custom products.



MODEL	No. of Pins	LIST
5450	20	160.00
5451	28	185.00
5452	44	230.00
5453	52	240.00
5454	68	260.00
5455	84	290.00

PQFP (Plastic Quad Flat Pack) PIN BREAKOUT

Use these test adapters to test socket mounted PQFP's. The PQFP test adapter is placed between the socket and the PQFP. 0.64 (.025) square pins allow easy access testing for all legs of the PQFP. An overlay template provides easy pin identification. Other sizes are available as custom products.
For 3M/Textool or Amp socket types.



MODEL	No. of Pins	Socket	LIST
5656	100	Amp	490.00
5657	100	3M	490.00
5658	132	Amp	635.00
5659	132	3M	635.00

LCC PIN BREAKOUT

Test socket mounted LCC's by placing the adapter between the socket and the LCC. The 0.64 (.025) square pins on 2.54 (.100) centers serve as test points for each leg of the LCC. Other sizes are available as custom products.



MODEL	No. of Pins	LIST
5445	44	195.00
5447	68	280.00
5448	84	290.00

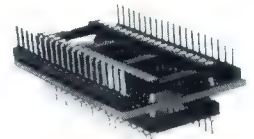
PQFP (Plastic Quad Flat Pack) SOCKET INTERFACE

These PQFP cable socket interfaces provide direct access to PC boards. Four 28 AWG ribbon cables, 18 inches long, allow you to create your own end connection for automated or user specified testing.
For 3M/Textool or Amp socket types.

MODEL	No. of Pins	Socket	LIST
5668	100	Amp	385.00
5666	100	3M	385.00
5669	132	Amp	500.00
5667	132	3M	500.00

DIP SOCKET PIN BREAKOUT

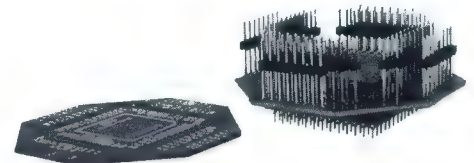
These test adapters provide a fast and efficient way to troubleshoot circuits that use socket mounted DIP's. Simply place the adapter between the socket and the DIP. 0.64 (.025) square pins on 2.54 (.100) centers provide access to DIP legs. Other sizes are available as custom products.



MODEL	No. of Pins	LIST
5442	40	40.00
5443	48	47.00
5444	64	60.00

PIN GRID ARRAY PIN BREAKOUT

Test socket mounted PGA's with these adapters. The adapter is placed between the IC and the socket. The 0.64 (.025) square pins, spaced in a matrix of 2.54 (.100) make each leg of the PGA accessible. Other sizes are available as custom products.



MODEL	Foot Print	No. of Pins	LIST
5461	10 x 10	68	103.00
5458	11 x 11	68	103.00
5468	13 x 13	120	215.00
5508	13 x 13	128	230.00
5486	14 x 14	132	225.00

PLCC SOCKET INTERFACE

These PLCC cable socket interfaces provide direct access to PC boards. Four 28 AWG ribbon cables, 18 inches long, allow you to create your own end connection for automated or user specified testing.



MODEL	No. of Pins	LIST
5660	20	54.00
5661	28	59.00
5662	44	74.00
5663	52	105.00
5664	68	100.00
5665	84	165.00



POMONA

STANDARD BANANA PLUGS

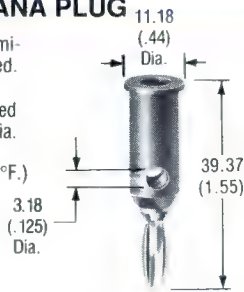
SOLDERLESS STACKUP BANANA PLUG

Wire firmly held in place with internal setscrew, eliminating soldering. Assembly of test leads simplified.

UPPER: Banana Jack, 4.22 (.166) dia., brass.

LOWER: Banana Plug, Spring, one piece heat treated beryllium copper. Fits standard 4.22 (.166) dia. banana jack.

RATING: 5000 WVDC, 15 Amps, +50 °C. (+122°F.) Max. (Model 5230, +150°C. (+302°F.) Max.)



(**Pkg. Ten Per Color)

MODEL	FINISH	INSULATION	*STD COLORS:	LIST
1325-*	Nickel plated	ABS	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White	1.10 EA.**
5406-*	Gold plated	ABS	-0 Black, -2 Red	2.25
5230-*	Nickel plated	Polyphenylene Sulfide	-0 Black, -6 Blue	1.45 EA.**

DO-IT-YOURSELF IN-LINE SHEATHED BANANA PLUG

This sheathed in-line banana plug provides protection from accidental shorting when dropped. A plastic tip on the banana plug offers further protection. A threaded, two piece design allows wire to be crimped or soldered to banana plug. This plug fits models 4922, 4921, 4934 & 4987.

MATERIAL: Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 (.166) dia. banana jack.

FINISH: Nickel plated.

INSULATION: Nylon.

RATING (Independent of Wire): 1200 V AC/DC, 15 Amps, +80°C. (+176°F.) Max.

*STD COLORS: -0 Black, -2 Red.

MODEL	Accepts wire AWG	Wire access hole
4933-*	22, 20, 18	4.04 (.159) Dia.
4986-*	16, 14	5.08 (.200) Dia.



(unassembled)
LIST 2.75

DO-IT-YOURSELF IN-LINE BANANA PLUG WITH FLEXIBLE BOOT

This in-line banana plug is ideal for making patch cords and field repairs. A snap-on two piece design allows the wire to be crimped or soldered to the banana plug.

MATERIAL: Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 (.166) dia. banana jack.

FINISH: Nickel plated.

INSULATION: Flexible PVC.

RATING (Independent of Wire): 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

*STD COLORS: -0 Black, -2 Red.

**Max. wire dia. 3.94 (.155)

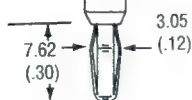
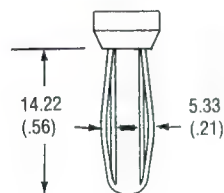
MODEL	Accepts wire AWG**
5169-*	22, 20, 18
5170-*	16, 14



(unassembled)

LIST 1.90

STANDARD / MINIATURE BANANA PLUG



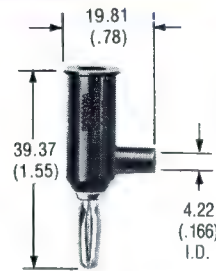
SOLDERLESS STACKUP BANANA PLUG WITH SAFETY COLLAR

Features integral safety collar that insulates exposed wire leads. Wire firmly held in place with internal setscrew, eliminates soldering, simplifies assembly of test leads

UPPER: Banana Jack, 4.22 (.166) dia., brass.

LOWER: Banana Plug, Spring, one piece heat treated beryllium copper. Fits standard 4.22 (.166) dia. banana jack.

RATING: 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max., (Model 4899, +150°C. (+302°F.) Max.)



(**Pkg. Ten Per Color)

MODEL	FINISH	INSULATION	*STD COLORS:	LIST
1825-*	Nickel plated	ABS	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White	1.10 EA.**
4897-*	Gold plated	ABS	-0 Black, -2 Red	2.25
4899-*	Nickel plated	Polyphenylene Sulfide	-0 Black, -6 Blue	1.40 EA.**

DO-IT-YOURSELF IN-LINE SHEATHED BANANA JACK

This sheathed in-line banana jack provides protection from accidental shorting when dropped. It will also accept any standard banana plug. A threaded, two piece design allows wire to be crimped or soldered to banana plug. This plug fits models 4912, 4913, 4933 & 4986.

MATERIAL: Brass.

FINISH: Nickel plated.

INSULATION: Nylon.

RATING (Independent of Wire): 1200 V AC/DC, 15 Amps, +80°C. (+176°F.) Max.

*STD COLORS: -0 Black, -2 Red.

MODEL	Accepts wire AWG	Wire access hole
4934-*	22, 20, 18	4.04 (.159) Dia.
4987-*	16, 14	5.08 (.200) Dia.



(unassembled)
LIST 2.85

DO-IT-YOURSELF IN-LINE BANANA JACK WITH FLEXIBLE BOOT

This in-line banana jack is ideal for making patch cords and field repairs. A snap-on two piece design allows the wire to be crimped or soldered to the banana jack.

MATERIAL: Brass.

FINISH: Nickel plated.

INSULATION: Flexible PVC.

RATING (Independent of Wire): 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

*STD COLORS: -0 Black, -2 Red.

**Max. wire dia. 3.94 (.155)

MODEL	Accepts wire AWG**	LIST
5167-*	22, 20, 18	1.50
5168-*	16, 14	1.85



(unassembled)

DO-IT-YOURSELF LOW COST BANANA PLUG

Do-it-yourself banana plug accepts 3.66 (.144) O.D. max. wire insulation.

Banana Plug is also sold on a patch cord Model 5730, pg. 90.

MATERIAL: Beryllium copper, nickel plated.

INSULATION: Nylon.

RATING: 1200 V AC DC, 15 Amps, +50°C. (+122°F.) Max.

*STD COLORS: -0 Black, -2 Red.

MODEL	LIST
5750-*	.85



NEW

POMONA

STANDARD BANANA PLUGS

RIVET TYPE BANANA PLUG WITH TURRET

Excellent for riveting to panels or boards. Solder turret for rapid attachment of wires.

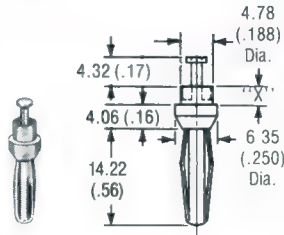
MATERIAL: Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

FINISH: Nickel plated.

RATING: 5000 WVDC, 15 Amps.

Swage tool information furnished on request.

MODEL	"X" Dim.	Panel
3260	2.67 (.105)	1.57 (.062)
3261	3.43 (.135)	2.37 (.093)



LIST 1.05 EA.
(Ten Per Pkg.)

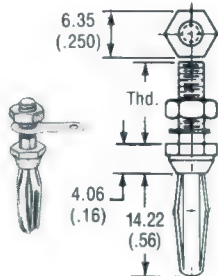
BANANA PLUG WITH THREADED STUD

Threaded stud for rapid mounting. Furnished with hex nut and tin plated solder lug.

MATERIAL: Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

FINISH: Nickel plated.

RATING: 5000 WVDC, 15 Amps.



MODEL	Thread	LIST
3263	6-32x12.7 (.50)	1.20 EA.
3264	8-32x12.7 (.50)	1.20 EA.
4511	6-32x15.9 (.63)	1.25 EA.
4512	8-32x15.9 (.63)	1.35 EA.

(Ten Per Pkg. unassembled)

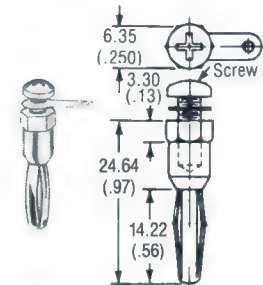
BANANA PLUG WITH SCREW

Mounts to various size panels. Furnished with screw and tin plated solder lug.

MATERIAL: Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

FINISH: Nickel plated.

RATING: 5000 WVDC, 15 Amps.



MODEL	Screw
3265	6-32x6.4 (.25)
3266	8-32x6.4 (.25)

(unassembled)

LIST 1.40 EA.
(Ten Per Pkg.)

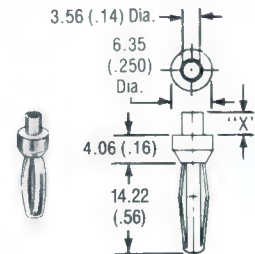
RIVET TYPE BANANA PLUG

Excellent for riveting to panels or boards.

MATERIAL: Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

FINISH: Nickel plated.

RATING: 5000 WVDC, 15 Amps.



Swage tool information furnished on request.

MODEL	"X" Dim.	Panel	LIST
3257	2.39 (.094)	1.57 (.062)	1.10 EA.
3258	3.18 (.125)	3.27 (.093)	1.00 EA.

(Ten Per Pkg.)

SETSCREW

8-32 X 5.33 (.210) headless, slotted steel, zinc plated setscrew.

Fits models MDP, 1325, 1330, 1825, 1858, 2970, 4892, 4897, 4898, 4899, 4966, 5230 and 5406.

MODEL
4914

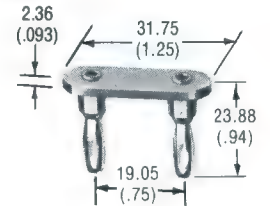
LIST 11.50 PKG.
(100 Per Pkg.)

DOUBLE BANANA PLUG SHORTING BAR

MATERIAL: Bar and banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

FINISH: Nickel plated.

RATING: 15 Amps, +125°C. (+257°F.) Max., resistance less than 1.5 milliohms.



MODEL
1855

LIST 3.40

ENCAPSULATED DOUBLE BANANA PLUG SHORTING BAR

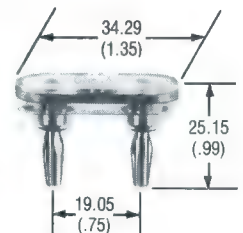
Low profile, completely insulated shorting bar. Insulation has finger ridge for ease of insertion and removal.

MATERIAL: Bar and banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

FINISH: Nickel plated.

INSULATION: ABS, Clear.

RATING: 15 Amps, +50°C. (+122°F.) Max., resistance less than 1.5 milliohms.



MODEL
5145

LIST 4.50

ENCAPSULATED DOUBLE BANANA PLUG SHORTING BAR WITH BINDING POST

Shorting bar is completely encapsulated in clear ABS thermoplastic.

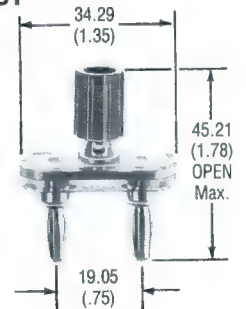
MATERIAL: Binding post, thumb nut, shorting bar and banana plug bodies, brass. Spring, one piece heat treated beryllium copper. Banana plugs fit standard 4.22mm (.166) dia. banana jack.

FINISH: Nickel plated.

INSULATION: Binding post, polycarbonate. Shorting bar, ABS, clear.

RATING: 2500 WVDC, 15 Amps, +50°C. (+122°F.) Max. Resistance less than 1.5 Milliohms.

BINDING POST COLOR: -0 Black, -2 Red.



MODEL
5165-*

LIST 7.50

TRIPLE BANANA PLUG

Setscrews secure leads. Ideal for balanced line 2 conductor shielded cable assemblies.

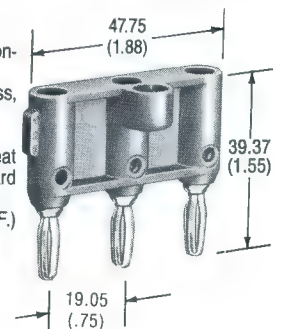
UPPER: Triple banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: ABS.

LOWER: Triple banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL
2970-*

LIST 3.85

STANDARD BANANA PLUGS

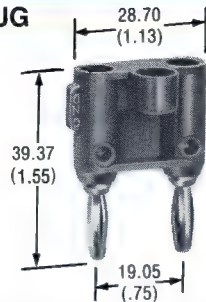
STANDARD DOUBLE BANANA PLUG

Setscrews secure leads. Simplifies cable construction or component mounting. Accommodates 5.46 (.215) max. dia. cable.

UPPER: Double Banana Jack. 4.22 (.166) dia., brass.

LOWER: Double Banana Plug. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 5000 WVDC; 15 Amps; +50°C. (+122°F.) Max. (Model 4898, +150°C. (+302°F.) Max.)



MODEL	FINISH	INSULATION	*STD COLORS:	LIST
MDP-*	Nickel plated	ABS	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White	1.90
4892-*	Gold plated	ABS	-0 Black, -2 Red	3.75
4898-*	Nickel plated	Polyphenylene Sulfide	-0 Black, -6 Blue	2.15

DOUBLE BANANA PLUG WITH SOLDER TURRET TERMINALS

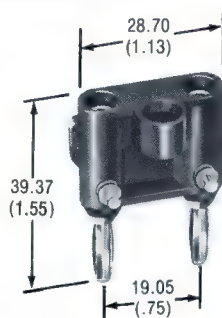
Similar to Model MDP, except has bright tin plated solder turret terminals for permanent noise-free connections of cables and components.

UPPER: Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: Polypropylene, black.

LOWER: Double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.



MODEL
MDP-ST

LIST 2.65

COMPONENT MOUNTING DOUBLE BANANA PLUG

Setscrews secure leads. Features recess for mounting small components.

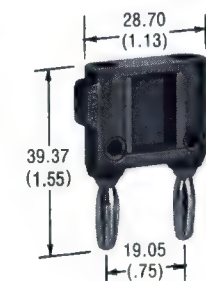
UPPER: Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: ABS.

LOWER: Double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

*STD COLORS: -0 Black, -2 Red.



MODEL
1330-*

LIST 2.10

COMPONENT MOUNTING DOUBLE BANANA PLUG WITH SOLDER TURRET TERMINALS

Similar to Model 1330, except has bright tin plated solder turret terminals.

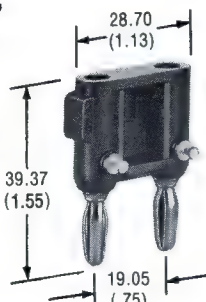
UPPER: Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: Polypropylene.

LOWER: Double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

*STD COLORS: -0 Black, -2 Red.



MODEL
1330-ST-*

LIST 2.65

DOUBLE BANANA PLUG WITH SHORTING BAR

Banana plugs internally shorted with #18 AWG wire. Banana jacks provide top stackup. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

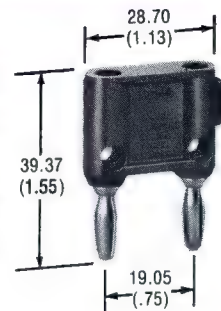
UPPER: Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: ABS.

LOWER: Double banana plug. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

*STD COLORS: -0 Black, -2 Red, -9 White.



MODEL
MDP-S-*

LIST 3.15

MOLDED PRECISION RESISTOR

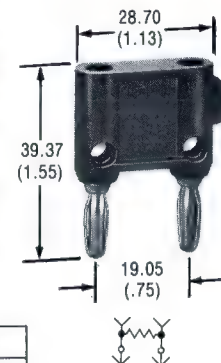
Ideal where rapid interchange of resistance values is required. Deposited carbon 1% resistor, 1/2 watt, molded internally. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections. Resistance value stamped on top of plug.

UPPER: Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: ABS, red.

LOWER: Double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 1/2 Watt Max, 350 WVDC, +50°C. (+122°F.) Max.



*Specify Resistance in Ohms					
50	150	900	10K	100K	
75	200	1K	20K	1 Meg.	
130	600	5K	50K	10 Meg.	

MODEL
MDP-R-*

LIST 6.80

QUAD STACKING PLUG

Features four parallel connectors to the same point. 3 cross holes, 4.22 mm (.166) dia. provide side stackup connection.

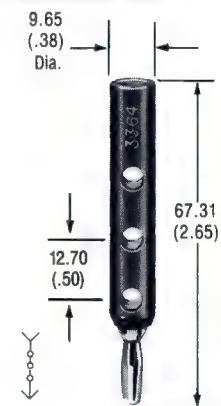
UPPER: Banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: ABS.

LOWER: Banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

*STD COLORS: -0 Black, -2 Red.



MODEL
3364-*

LIST 6.85

DUAL SERIES-PARALLEL ISOLATION PLUG

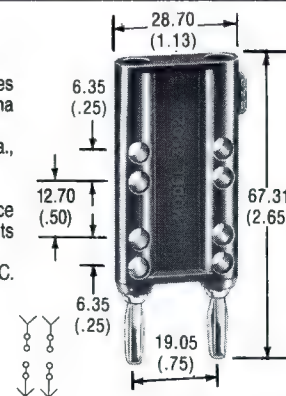
Top banana jacks and upper pair of cross holes isolated from lower pair of cross holes and banana plugs. 8 cross holes 4.22 mm (.166) dia.

UPPER: Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: ABS, red.

LOWER: Double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.



MODEL
3502

LIST 11.35

COMPONENT MOUNTING ISOLATION PLUGS

SHIELDED DOUBLE BANANA PLUG WITH IN-LINE CABLE ENTRY

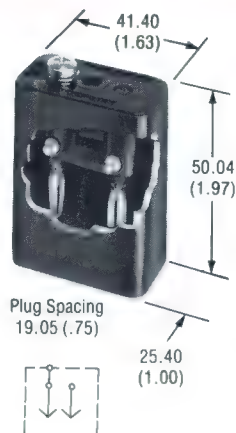
Shielded double banana plug with GND molded in shell. Bright tin plated solder turret terminals for cable connections. 5.56 mm (.219) dia. cable opening.

MATERIAL: Shell, die cast aluminum. Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

FINISH: Shell, black anodized. Banana plug, nickel plated.

INSULATION: Polypropylene, black.

RATING: 1200 WVDC, 15 Amps, +55°C. (+131°F.) Max., 2.5 pF @ 1 MHz.



MODEL
1433

LIST 12.60

SHIELDED DOUBLE BANANA PLUG WITH RIGHT ANGLE CABLE ENTRY

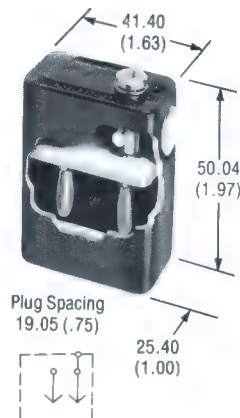
Shielded double banana plug with GND clearly molded in shell. Bright tin plated solder turret terminals for cable connections. Vinyl grommet (one side) and nickel plated snap button (other side) supplied. 6.35 mm (.25) dia. side entry.

MATERIAL: Shell, die cast aluminum. Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

FINISH: Shell, black anodized. Banana plug, nickel plated.

INSULATION: Polycarbonate base, white.

RATING: 2800 W V Peak, 15 Amps, +55°C. (+133°F.) Max. 2.0 pF @ 1 MHz.



MODEL
1791

LIST 17.20

BALANCED LINE SHIELDED DOUBLE BANANA PLUG

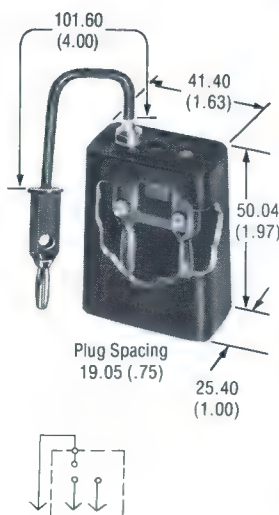
Three terminal design allows connection to shielded two conductor cable while maintaining balanced conditions. Minimizes ground loop errors in low signal level applications. Bright tin plated solder turret terminals for reliable noise-free connections.

MATERIAL: Shell, die cast aluminum. Banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits standard 4.22 mm (.166) dia. banana jack.

FINISH: Shell, black anodized. Banana plug, nickel plated.

INSULATION: Polypropylene, red.

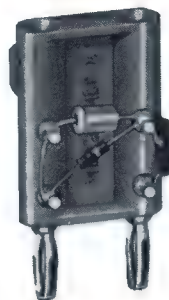
RATING: 1000 W V Peak, Line to Shield; 2000 W V Peak, Line to Line; 2.0 pF @ 1 MHz, Line to line; 3.0 pF @ 1 MHz, both lines to shield; 15 Amps, +55°C. (+131°F.) Max.



MODEL
1921

LIST 22.80

SPLIT-TERMINAL ISOLATION PLUGS



MODEL MDP-X
SHOWN



MODEL 1390
SHOWN

DOUBLE BANANA PLUG THREE TERMINAL ISOLATION

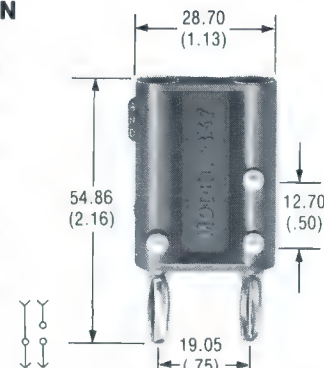
Provides three terminal isolation. Excellent for "L" and "Pi" networks. Bright tin plated solder turret terminals for permanent noise-free connections. "Ground" is straight feed-thru. Hot side isolated.

UPPER: Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: Polypropylene, blue.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 2500 WVDC, 15 Amps, +55°C. (+131°F.) Max.



MODEL
1837

LIST 7.45

DOUBLE BANANA PLUG FOUR TERMINAL ISOLATION

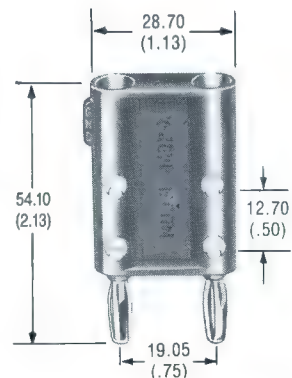
Provides four terminal isolation. Top stackup receptacles isolated from lower plugs. Ideal for insertion of matching network in laboratory VTVM's signal generators, etc. Bright tin plated solder turret terminals for permanent noise-free connections.

UPPER: Double banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: Polypropylene, red.

LOWER: Double banana plug. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 2500 WVDC, 15 Amps, +55°C. (+131°F.) Max.



MODEL
MDP-X

LIST 6.85

SINGLE BANANA PLUG TWO TERMINAL ISOLATION

Provides two terminal isolation. Top stackup receptacle is isolated from lower plug to permit addition of series resistors, diodes, etc. Ideal for computers, lab, circuit design and testing. Bright tin plated solder turret terminals for permanent noise-free connections.

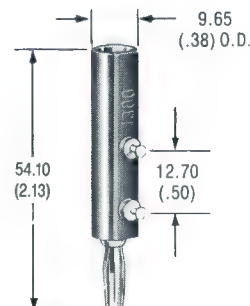
UPPER: Banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: Polypropylene.

LOWER: Banana plug. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 2500 WVDC, 15 Amps, +55°C. (+131°F.) Max.

*STD COLORS: -0 Black, -2 Red.



MODEL
1390*

LIST 4.40

POMONA

MINIATURE BANANA PLUGS

MINIATURE SOLDER TYPE BANANA PLUG

Miniature in-line plug for use with miniature binding posts or banana jacks. Wire is soldered directly to threaded plug.

MATERIAL: Miniature banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits miniature 2.64 (.104) dia. banana jack.

FINISH: Gold plated.

INSULATION: Nylon.

RATING: 2500 WVDC, 5 Amps, +80°C. (+176°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL	"L"	LIST
3690-*	11.43 (.45)	1.45 EA.
4617-*	25.4 (1.00)	2.55 EA.

(Pkg. Ten Per Color)

MINIATURE SOLDERLESS STACKUP BANANA PLUG

Wire firmly held in place with internal setscrew.

UPPER: Miniature banana jack. 2.64 (.104) dia., brass, gold plated.

INSULATION: ABS.

LOWER: Miniature banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack.

RATING: 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL
2944-*

(Recommend using
Screwdriver No. 3736)

LIST 2.60

MINIATURE SOLDERLESS STACKUP BANANA PLUG WITH SAFETY COLLAR

Wire firmly held in place with internal setscrew. The integral collar insulates leads and acts as a strain relief by preventing the flexing of lead at setscrew.

UPPER: Miniature banana jack. 2.64 (.104) dia., brass, gold plated.

INSULATION: ABS.

LOWER: Miniature banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack.

RATING: 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL
2945-*

(Recommend using
Screwdriver No. 3736)

LIST 2.65

MINIATURE SOLDER TYPE BANANA PLUG

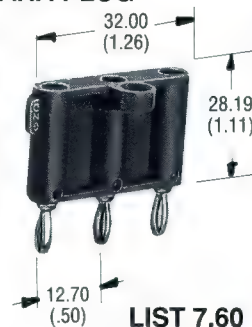
Ideal for balanced line 2 connector shielded cable assemblies. Setscrews secure leads.

UPPER: Miniature triple banana jack. 2.64 (.104) dia., brass, gold plated.

INSULATION: ABS, black.

LOWER: Miniature triple banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack.

RATING: 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.



MODEL
4653-0

(Recommend using
Screwdriver No. 3736)

LIST 7.60

METAL SHORTING BAR

Low profile 1.57 (.062) thick brass shorting bar. Center hole accepts #4-40 screw, for easy removal.

MATERIAL: Bar and miniature banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits miniature 2.64 (.104) dia. banana jack.

FINISH: Gold plated.

RATING: 5 Amps. Resistance less than 1.5 milliohms.



MODEL
3030

LIST 2.90

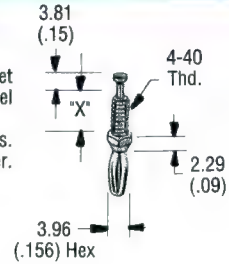
MINIATURE BANANA PLUG WITH THREADED STUD

Threaded stud for rapid mounting. Solder turret for attachment of wires. Furnished with nickel plated 4-40 hex nut, unassembled.

MATERIAL: Miniature banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits miniature 2.64 (.104) dia. banana jack.

FINISH: Gold plated.

RATING: 2500 WVDC, 5 Amps.



MODEL	"X" Dim.	LIST
3276	5.84 (.230)	1.00 EA.
4513	12.19 (.480)	1.45 EA.

(Ten Per Pkg., unassembled)

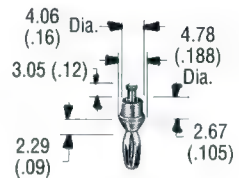
MINIATURE RIVET TYPE BANANA PLUG WITH TURRET

Excellent for riveting to panels or boards. Solder turret for rapid attachment of wires. Mounts in 1.57 (.062) panel.

MATERIAL: Miniature banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits miniature 2.64 (.104) dia. banana jack.

FINISH: Gold plated.

RATING: 2500 WVDC, 5 Amps.



MODEL
3273

Swage tool information furnished on request. (Ten Per Pkg.)

LIST .85 EA.

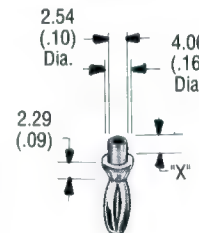
MINIATURE RIVET TYPE BANANA PLUG

Excellent for riveting to panels or boards.

MATERIAL: Miniature banana plug body, brass. Spring, one piece heat treated beryllium copper. Fits miniature 2.64 (.104) dia. banana jack.

FINISH: Gold plated.

RATING: 2500 WVDC, 5 Amps.



Swage tool information furnished on request.

MODEL	"X" Dim	Panel
3268	2.39 (.094)	1.57 (.062)
3271	3.18 (.125)	2.37 (.093)
3272	3.96 (.156)	3.17 (.125)

LIST .85 EA.

(Ten Per Pkg.)

MINIATURE DOUBLE BANANA PLUG WITH SHORTING BAR

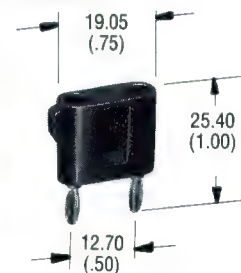
UPPER: Miniature double banana jack. 2.64 (.104) dia., brass, gold plated.

INSULATION: ABS.

LOWER: Miniature double banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack.

RATING: 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL
2035-*

LIST 4.05

MINIATURE SCREWDRIVER FOR SETSCREWS

A specially designed screwdriver with slender tip for tightening of setscrews on miniature plugs.

MATERIAL: Steel.

INSULATION: Polycarbonate, orange.



MODEL
3736

LIST 2.45

POMONA

MINIATURE BANANA / PIN TIP PLUGS

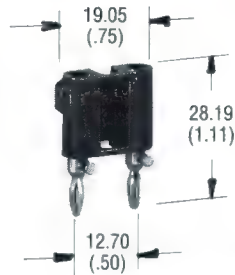
MINIATURE DOUBLE BANANA PLUG WITH SOLDER TURRET TERMINALS

Accommodates 3.81 (.15) max. dia. cable.
UPPER: Miniature double banana jack. 2.64 (.104) dia., brass, gold plated.

INSULATION: Polypropylene.

LOWER: Miniature double banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack. Solder turret terminals, brass, gold plated.
RATING: 2500 WVDC, 5 Amps, +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



LIST 4.55

MODEL

2245*

MINIATURE DOUBLE BANANA PLUG WITH SETSCREWS

Internal setscrews to secure cable or component leads. Accommodates 3.81 (.15) dia. cable.

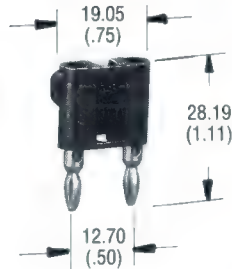
UPPER: Miniature double banana jack. 2.64 (.104) dia., brass, gold plated.

INSULATION: ABS.

LOWER: Miniature double banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jack. Set-screw, steel, cadmium plated.

RATING: 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



LIST 3.75

MODEL

2244*

(Recommend using Screwdriver No. 3736)

MINIATURE DOUBLE PIN TIP PLUG WITH SETSCREWS

2.03 (.080) dia. double pin tip plug on 12.70 (.500) centers. Setscrews secure cable or component leads.

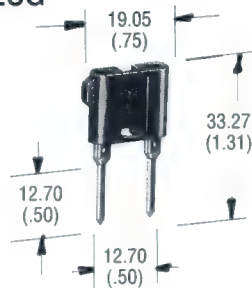
UPPER: Double pin jack. Spring, beryllium copper, gold plated. Accepts 2.03 (.080) dia. pin.

INSULATION: ABS.

LOWER: Double pin tip plug. Brass, gold plated. Setscrew, steel, cadmium plated.

RATING: 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



LIST 4.30

MODEL

3544*

(Recommend using Screwdriver No. 3736)

MINIATURE DOUBLE PIN TIP PLUG WITH SHORTING BAR

Ideal as a connecting link for use with 12.70 (.500) spaced pin jacks. 2.03 (.080) double pin tip plug internally solder-bonded with #20 AWG wire. "Shorting bar" stamped on insulation.

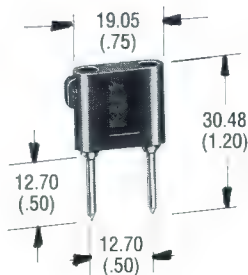
UPPER: Double pin jack. Spring, beryllium copper, gold plated.

INSULATION: ABS.

LOWER: Double pin tip plug. Brass, gold plated.

RATING: 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



LIST 3.75

MODEL

3452*

MINIATURE DOUBLE PIN TIP PLUG WITH SOLDER TURRET TERMINALS

2.03 (.080) dia. double pin tip plug on 12.70 (.500) centers. Solder turret terminals for permanent noise-free connection of cables.

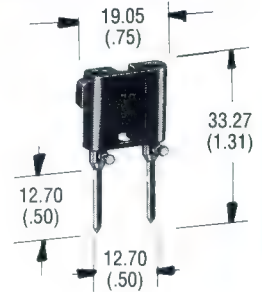
UPPER: Double pin jack. Spring, beryllium copper, gold plated. Accepts 2.03 (.080) dia. pin.

INSULATION: Polypropylene.

LOWER: Double pin tip plug with solder turret terminals. Brass, gold plated.

RATING: 3000 WVDC, 5 Amps, +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



LIST 6.65

MODEL

3545*

SOLDERLESS STACKUP PIN TIP PLUG

Wire firmly held in place with internal setscrew, eliminating soldering. Assembly of test leads simplified.

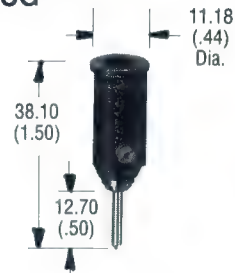
UPPER: Pin jack. Spring, beryllium copper, gold plated. Accepts 2.03 (.080) dia. pin.

INSULATION: ABS.

LOWER: Pin tip plug. Brass, nickel plated. Nylon setscrew.

RATING: 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



LIST 3.75

MODEL

1922*

SOLDERLESS PIN TIP PLUG WITH SAFETY COLLAR

This integral collar insulates exposed wire leads and acts as a strain relief by preventing the flexing of the lead at the setscrew. Wire firmly held in place with internal setscrew.

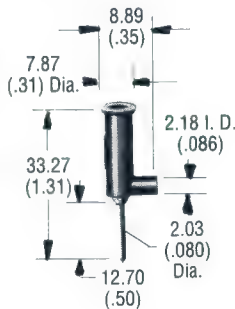
UPPER: Miniature banana jack. Brass, gold plated.

INSULATION: ABS.

LOWER: Pin tip plug. Brass, gold plated. Setscrew, steel, cadmium plated.

RATING: 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



LIST 2.60

MODEL

3548*

(Recommend using Screwdriver No. 3736)

DO-IT-YOURSELF IN-LINE PIN TIP PLUG WITH FLEXIBLE BOOT

This in-line 2.03 (.080) dia. pin tip plug is ideal for making patch cords and field repairs. A snap-on two piece design allows the wire to be crimped or soldered to the pin tip plug.

MATERIAL: Brass.

FINISH: Nickel plated.

INSULATION: Flexible PVC.

RATING (Independent of Wire): 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



**Max. wire dia. 3.94 (.155)

MODEL	Accepts wire AWG**	LIST
5173*	22, 20, 18	2.00
5174*	16, 14	2.00

POMONA

STANDARD BANANA JACKS

DOUBLE BANANA PLUG SPLICE

Provides rapid method for splicing cables. Reduces necessity of storing extra long cables. 4.22 mm (.166) dia. banana jacks.

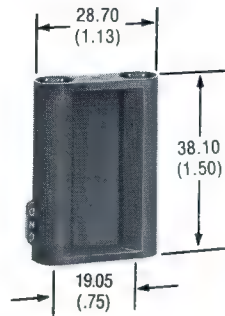
MATERIAL: Brass.

FINISH: Nickel plated.

INSULATION: Polypropylene.

RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL

1823-*

LIST 2.20

BANANA JACK WITH WRAPPED WIRE TERMINAL

Closed entry receptacle, 4.22 mm (.166) dia. x 23.37 mm (.920) deep. Excellent for rapid connection of wires using wrapped wire tools or machines. Mounts in panels from 1.60 mm (.063) to 9.53 mm (.375) thick. Nickel plated lockwasher and 1/4-32 hex nut.

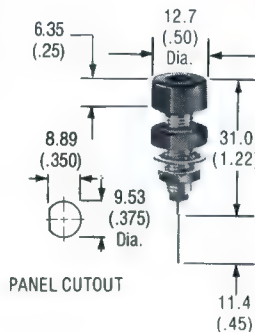
UPPER: Banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: Polycarbonate.

LOWER: 0.64 mm (.025) sq. Wrapped Wire Terminal. Phosphor bronze, gold plated.

RATING: 2500 WVDC, 3 Amps, +115°C. (+239°F.) Max.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



PANEL CUTOUT

MODEL

4005-*

(unassembled)

LIST 1.60

DOUBLE BANANA JACK WITH WRAPPED WIRE TERMINAL

Excellent for rapid connection of wire using wrapped wire tools or machines. Closed entry receptacle 4.22 mm (.166) dia. x 23.37 mm (.920) deep on 19.05 mm (.750) centers. Mounts in panels from 1.60 mm (.063) to 9.53 mm (.375) thick. Nickel plated lockwasher and hex nut. One black and one red jack. Choice of black or red mounting base.

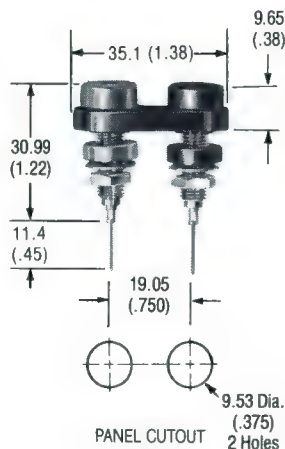
UPPER: Banana jack. Brass, nickel plated.

INSULATION: Polycarbonate.

LOWER: 0.64 mm (.025) sq. Wrapped Wire Terminal. Phosphor bronze, gold plated.

RATING: 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max.

***MTG BASE COLOR:** -0 Black, -2 Red.



PANEL CUTOUT

MODEL

4069-*

(unassembled)

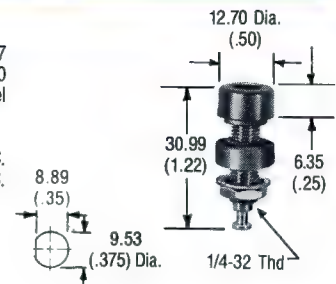
LIST 3.60

BANANA JACK

Closed entry jack 4.22 mm (.166) dia. x 23.37 mm (.920) deep. Mounts in panels from 1.60 mm (.063) to 9.53 mm (.375) thick. Nickel plated lockwasher and 1/4-32 hex nut.

MATERIAL: Brass.

RATING: 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max. (Model 4900, +220°C. (+428°F.) Max.)



PANEL CUTOUT

(**Pkg. Ten Per Color)

MODEL	MATERIAL	INSULATION	*STD COLORS	LIST
1581-*	Brass, bright tin plated	Polycarbonate	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White	.80 EA.**
2854-*	Brass, gold plated			1.65 EA.**
4900-*	Brass, bright tin plated	Polyphenylene Sulfide	-0 Black, -6 Blue	1.20 EA.**
5294-*	Tellurium copper, gold plated	Polycarbonate	-0 Black, -2 Red	3.75

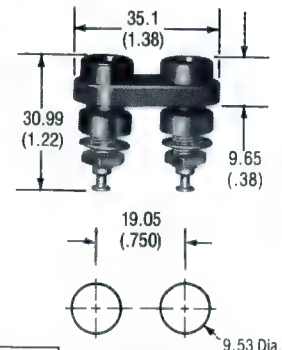
DOUBLE BANANA JACK

Closed entry receptacle 4.22mm (.166) dia. x 23.37mm (.920) deep on 19.05mm (.750) centers. Mounts in panels from 1.60mm (.063) to 9.53mm (.375) thick. Nickel plated lockwasher and 1/4-32 hex nut. Model 2269 has one black and one red jack. Model 5233 has one black and one blue jack. Specify mounting base color.

MATERIAL: Brass.

FINISH: Bright tin plated.

RATING: 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max. (Model 5233, +220°C. (+428°F.) Max.)



PANEL CUTOUT

9.53 Dia. (.375) 2 Holes

MODEL	INSULATION	*STD COLORS:	LIST
2269-*	Polycarbonate	-0 Black, -2 Red	2.25
5233-*	Polyphenylene sulfide	-0 Black	3.35

TRIPLE BANANA JACK

Closed entry receptacle 4.22 mm (.166) dia. x 23.37 mm (.920) deep. Mounts in panels from 1.60 mm (.063) to 9.53 mm (.375) thick. Nickel plated 1/4-32 lockwasher and hex nut. One black, one red and one green jack.

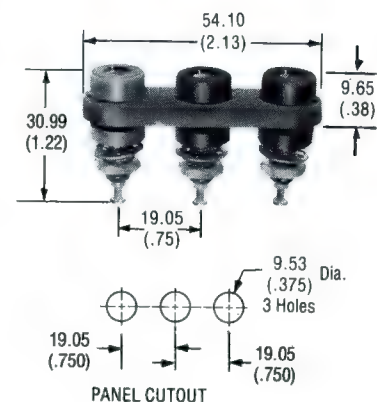
MATERIAL: Brass.

FINISH: Bright tin plated.

INSULATION: Polycarbonate.

RATING: 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max.

***MTG BASE COLOR:** -0 Black, -2 Red.



PANEL CUTOUT

MODEL

4601-*

(unassembled)

LIST 3.55

PIN TIP PLUGS/BANANA JACKS

PIN TIP PLUG TWO TERMINAL ISOLATION

Pin tip jack is isolated from 2.03 mm (.080) pin tip plug. Provides for addition of series components. Ideal for use with computer boards, lab circuit designs, etc. Bright tin plated solder turret terminals for permanent noise-free connections.

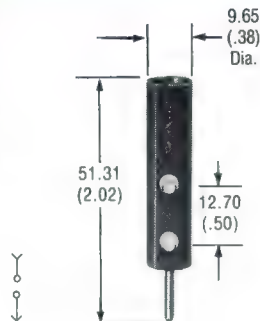
UPPER: Tip jack. Beryllium copper, gold plated. Accepts 2.03 mm (.080) dia. pin.

INSULATION: Polypropylene.

LOWER: Pin tip plug. Brass, nickel plated.

RATING: 3000 WVDC, 5 Amps, +55°C. (+131°F.) Max.

*STD COLORS: -0 Black, -2 Red.



MODEL

1910-*

LIST 5.65

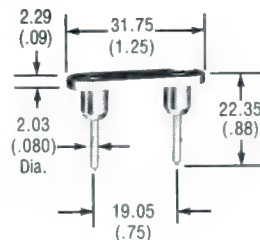
METAL SHORTING BAR

Used as connecting link with equipment having pin jacks.

MATERIAL: Brass.

FINISH: Nickel plated.

RATING: 5 Amps, +125°C. (+257°F.) Max. Resistance less than 1.5 milliohms.



MODEL

2072

LIST 3.50

POLARIZED DOUBLE PLUG

This polarized double plug makes it virtually impossible to insert into a mating jack incorrectly. Set screws secure leads. (Used with Model 4967).

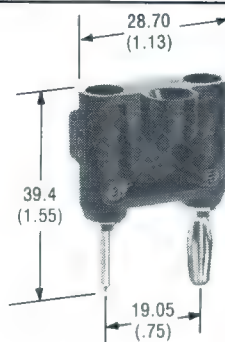
UPPER: Double banana jack. Brass, nickel plated.

INSULATION: ABS.

LOWER: Banana/Pin tip plug. Brass, nickel plated.

RATING: 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

*STD COLORS: -0 Black, -2 Red.



MODEL

4966-*

LIST 2.60

POLARIZED DOUBLE JACK

This polarized double jack is used with Model 4966. One side is a black pin jack and the other is a red banana jack. Mounts in panels 1.60 mm (.063) to 9.53 mm (.375) thick. Nickel plated 1/4-32 hex nut and lockwasher included.

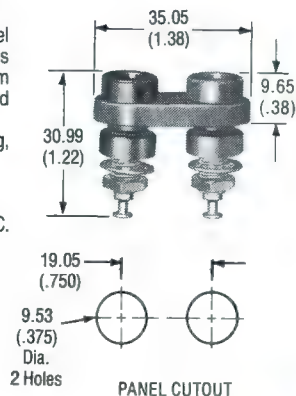
MATERIAL: Banana jack, brass. Pin jack spring, beryllium copper.

FINISH: Banana/Pin jack, tin plated.

INSULATION: Polycarbonate.

RATING: 2500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

*MTG BASE COLORS: -0 Black, -2 Red.



PANEL CUTOUT

MODEL

4967-*

(unassembled)

LIST 2.85

EXTRA DEEP TRIPLE BANANA JACK

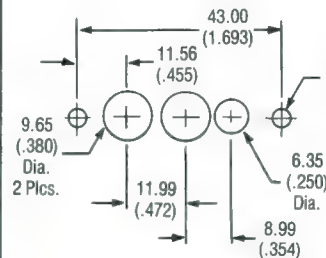
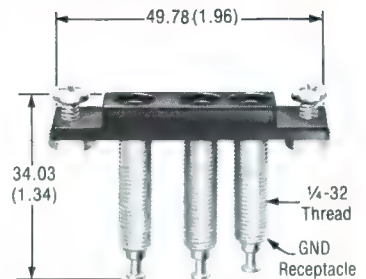
Initial connection made with ground receptacle. Accepts 20.32 mm (.800) long banana plugs. Supplied with two 6-32 hex nuts and screws, unassembled.

MATERIAL: Brass.

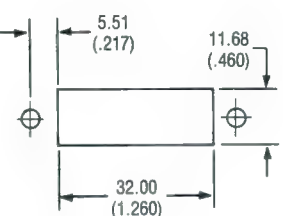
FINISH: Bright tin plated.

INSULATION: Polycarbonate, black.

RATING: 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max.



BOTTOM MOUNTING PATTERN



TOP MOUNTING PATTERN

MODEL

4163-0

LIST 4.55

BANANA PLUG SPLICE FOR SHEATHED PLUGS

Provides rapid method for splicing single banana plug patch cords. Reduces the necessity of storing extra long patch cords. Molded thermoplastic body provides protective insulation. 4.22mm (.166) dia. banana jack. This jack fits models 4912, 4913, 4933 & 4986. It will also accept any standard banana plug.

MATERIAL: Brass.

FINISH: Nickel plated.

INSULATION: Polypropylene.

RATING: 1200 V AC/DC Max., 15 Amps, +55°C. (+131°F.) Max.

*STD COLORS: -0 Black, -2 Red.



MODEL

4922-*

LIST 1.70

SINGLE BANANA PLUG SPLICE

Provides rapid method for splicing single banana plug patch cords. Reduces the necessity of storing extra long patch cords. Molded thermoplastic body provides protective insulation. 4.22 mm (.166) dia. banana jack.

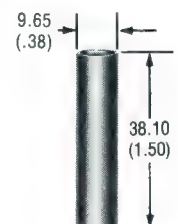
MATERIAL: Brass.

FINISH: Nickel plated.

INSULATION: Polypropylene.

RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

*STD COLORS: -0 Black, -2 Red.



MODEL

4987-*

LIST 1.25 EA.
(Pkg. Ten Per Color)

POMONA

BANANA JACKS

PANEL MOUNT BANANA JACK FOR SHEATHED PLUGS

This banana jack fits models 4912, 4913, 4933 & 4986. It will also accept any standard banana plug. Nickel plated lockwasher and 1/2-28 nut included.

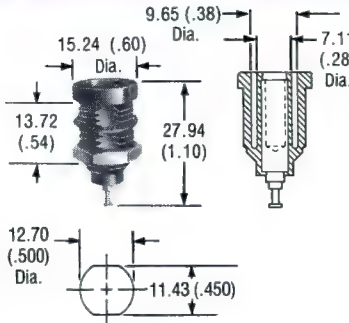
MATERIAL: Brass.

FINISH: Bright tin plated.

INSULATION: Polycarbonate.

RATING: 1200 V AC/DC Max., 15 Amps, +115°C. (+239°F.) Max.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



PANEL CUTOUT

MODEL

4921-*

(unassembled)

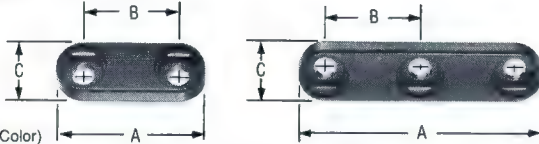
LIST 2.25

MOUNTING BASES

MATERIAL: Polycarbonate.

RATING: +115°C. (+239°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



(Pkg. Ten Per Color)

MODEL	Type	A	B	C	Used With	LIST
3862-*	Double	30.21(1.19)	19.1(.750)	11.2(.44)	Binding Posts	.45 EA
3863-*	Triple	49.3(1.94)	19.1(.750)	11.2(.44)		1.05 EA
4619-*	Double	22.1(.87)	12.7(.500)	9.6(.38)	Banana Jacks	.40 EA
4614-*	Triple	35.1(1.38)	12.7(.500)	9.6(.38)		.70 EA
4654-*	Double	35.1(1.38)	19.1(.750)	16.0(.63)		.40 EA
4590-*	Triple	54.1(2.13)	19.1(.750)	16.0(.63)		.90 EA

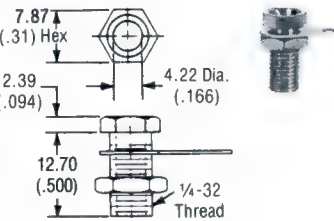
UNINSULATED BANANA JACK

Threaded for rapid mounting. Used with standard banana plugs. Furnished with hex nut and solder lug.

MATERIAL: Banana jack and hex nut, brass. Solder lug, copper.

FINISH: Banana jack and hex nut, nickel plated. Solder lug, tin plated.

RATING: 5000 WVDC; 15 Amps.



MODEL

3267

(unassembled)

LIST .75 EA.

(Ten Per Pkg.)

MINIATURE INSULATED BANANA JACK WITH WRAPPED WIRE TERMINAL

Excellent for rapid connection of wires using wrapped wire tools or machines. Closed entry 2.64 mm (.104) dia. jack. Mounts in panels up to 6.35 mm (.250) thick. Nickel plated 8-32 hex nut and lockwasher included.

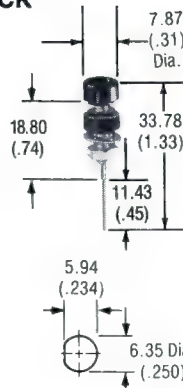
UPPER: Miniature banana jack. Brass, nickel plated.

INSULATION: Polycarbonate.

LOWER: 0.64 mm (.025) Sq. Wrapped Wire Terminal. Phosphor bronze, gold plated.

RATING: 1500 WVDC, 3 Amps, +115°C. (+239°F.) Max.

***STD COLORS:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White.



PANEL CUTOUT

MODEL

4022-*

(unassembled)

LIST 1.55 EA.

(Pkg. Ten Per Color)

MINIATURE INSULATED BANANA JACK

Closed entry 2.64 mm (.104) dia. jack. Mounts in panels up to 6.35 mm (.250) thick. Nickel plated 8-32 hex nut and lockwasher included.

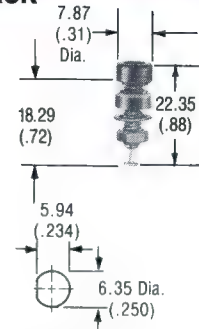
MATERIAL: Brass.

FINISH: Gold plated.

INSULATION: Polycarbonate.

RATING: 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



PANEL CUTOUT

MODEL

2142-*

(unassembled)

LIST 1.00 EA.

(Pkg. Ten Per Color)

MINIATURE INSULATED DOUBLE BANANA JACK

Closed entry 2.64 mm (.104) dia. jack. Mounts in panels up to 4.77 mm (.188) thick. Nickel plated 8-32 hex nut and lockwasher included.

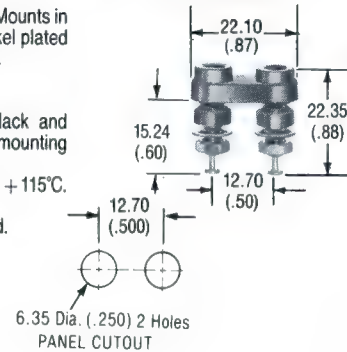
MATERIAL: Brass.

FINISH: Gold plated.

INSULATION: Polycarbonate. One black and one red jack. Choice of black or red mounting base.

RATING: 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

***MTG BASE COLOR:** -0 Black, -2 Red.



6.35 Dia. (.250) 2 Holes
PANEL CUTOUT

MODEL

2143-*

(unassembled)

LIST 2.75

MINIATURE INSULATED TRIPLE BANANA JACK

Closed entry 2.64 mm (.104) dia. jacks. Mounts in panels up to 4.77 mm (.188) thick. Nickel plated 8-32 hex nut and lockwasher included.

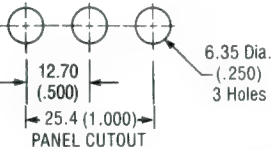
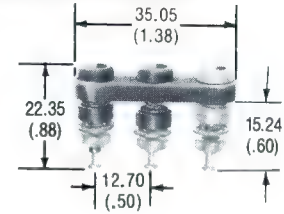
MATERIAL: Brass.

FINISH: Gold plated.

INSULATION: Polycarbonate. One red, one black and one green banana jack. Choice of black or red mounting base.

RATING: 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

***MTG BASE COLOR:** -0 Black, -2 Red.



MODEL

4618-*

(unassembled)

LIST 4.00

MINIATURE BANANA PLUG SPLICE

Permits splicing of single miniature banana plugs.

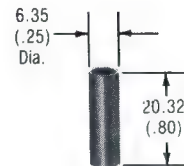
UPPER: Miniature banana jack. 2.64 mm (.104) dia., brass, nickel plated.

INSULATION: Polypropylene.

LOWER: Same as upper.

RATING: 1500 WVDC, 5 Amps, +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL

3833-*

(unassembled)

LIST 1.70 EA.

(Pkg. Ten Per Color)

POMONA

PIN TIP JACKS

PIN JACK

Closed entry 2.03 mm (.080) pin jack. Mounts in panels to 6.35 mm (.250) thick. Nickel plated 8-32 hex nut and lockwasher included.

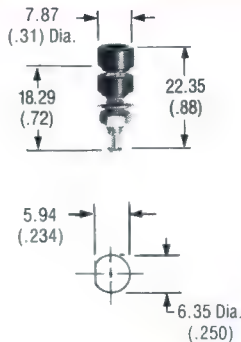
MATERIAL: Pin jack body, brass. Spring, beryllium copper.

FINISH: Pin jack, gold plated.

INSULATION: Polycarbonate.

RATING: 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL
3542-*

(unassembled)

LIST 1.20 EA.

(Pkg. Ten Per Color)

MINIATURE INSULATED DOUBLE PIN TIP JACKS 2.03 mm (.080) DIA.

Closed entry 2.03 mm (.080) dia. pin jack. Mounts in panels to 4.77 mm (.188) thick. Nickel plated 8-32 hex nut and lockwasher included.

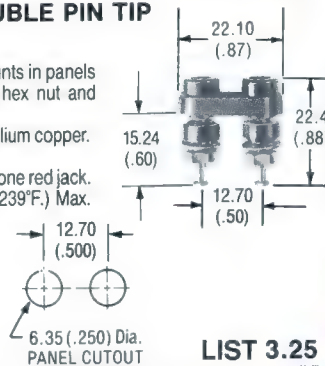
MATERIAL: Pin jack body, brass. Spring, beryllium copper.

FINISH: Pin jack, gold plated.

INSULATION: Polycarbonate. One black and one red jack.

RATING: 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

***MTG BASE COLORS:** -0 Black, -2 Red.



MODEL
4543-*

(unassembled)

LIST 3.25

INSULATED PIN JACK WITH WRAPPED WIRE TERMINAL

Closed entry 2.03mm (.080) dia. pin jack. Mounts in panels to 6.35mm (.250) thick. Nickel plated 8-32 hex nut and lockwasher included.

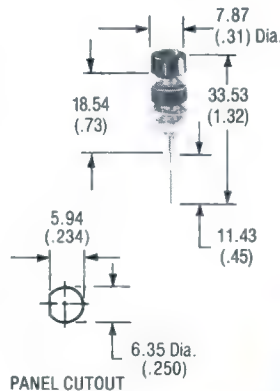
UPPER: Pin jack. Body, brass, nickel plated. Spring, beryllium copper, gold plated.

INSULATION: Polycarbonate.

LOWER: 0.64mm (.025) sq. pin wrapped wire terminal, phosphor bronze, gold plated.

RATING: 1500 WVDC, 3 Amps, +115°C. (+239°F.) Max.

***STD COLORS:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White.



MODEL
4773-*

(unassembled)

LIST 2.00

STANDARD BANANA PLUG TO 2.03 mm (.080) DIA. PIN TIP PLUG SPLICE

This splice accepts a standard banana plug on one end and a 2.03 mm (.080) pin tip plug on the other end.

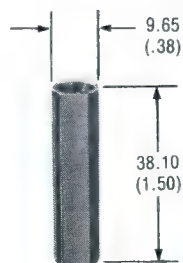
UPPER: Standard banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: Polypropylene.

LOWER: Pin jack. Spring, beryllium copper, gold plated, accepts 2.03 mm (.080) dia. pin.

RATING: 3000 WVDC, 5 Amps, +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL
3834-*

LIST 2.00

DO-IT-YOURSELF IN-LINE PIN JACK WITH FLEXIBLE BOOT

This in-line 2.03 mm (.080) dia. pin jack is ideal for making patch cords and field repairs. A snap-on two piece design allows the wire to be crimped or soldered to the pin jack.

MATERIAL: Pin jack body, brass. Spring, beryllium copper.

FINISH: Pin jack body, nickel plated. Spring, gold plated.

INSULATION: Flexible PVC.

RATING (Independent of Wire): 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



**Max wire dia. 3.94 (.155)

MODEL	Accepts wire AWG**	LIST
5171-*	22, 20, 18	1.45
5172-*	16, 14	1.80

(unassembled)

PIN TIP PLUG SPLICE

Permits splicing of 2.03 mm (.080) dia. pin tip patch cords.

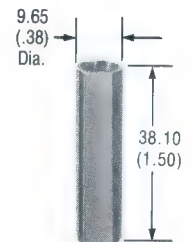
UPPER: Pin jack. Body, brass, nickel plated. Spring, beryllium copper. Gold plated.

INSULATION: Polypropylene.

LOWER: Same as upper.

RATING: 3000 WVDC, 5 Amps, +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL
3832-*

LIST 2.85

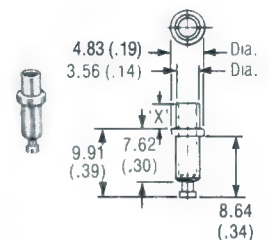
MINIATURE RIVET TYPE BANANA JACK WITH TURRET

Excellent for riveting to panels or boards. Solder turret for rapid attachment of wires.

MATERIAL: Miniature banana jack. 2.64 mm (.104) dia., tellurium copper.

FINISH: Gold plated.

RATING: 1500 WVDC, 5 Amps.



Swage tool information furnished on request.

MODEL	"X" Dim.	Panel	LIST
3277	2.67 (.105)	1.57 (.062)	.60 EA.
3278	3.43 (.135)	2.37 (.093)	.70 EA.
3279	4.19 (.165)	3.18 (.125)	.60 EA.

(Ten Per Pkg.)

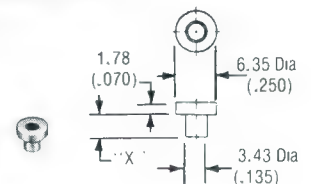
MINIATURE RIVET TYPE BANANA JACK

Excellent for riveting to panels or boards.

MATERIAL: Miniature banana jack. 2.64 mm (.104) dia., leaded copper.

FINISH: Gold plated.

RATING: 1500 WVDC, 5 Amps.



Swage tool information furnished on request.

MODEL	"X" Dim.	Panel	LIST
3280	2.67 (.105)	1.57 (.062)	.45 EA.
3281	3.43 (.135)	2.37 (.093)	.65 EA.
3282	4.19 (.165)	3.18 (.125)	.55 EA.

(Ten Per Pkg.)

POMONA

BINDING POSTS

DOUBLE BINDING POST ASSEMBLY

Nickel plated 8-32 hex nut and lockwasher included. One red and one black tin plated binding post (type 3760) with double mounting base.

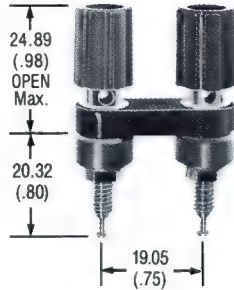
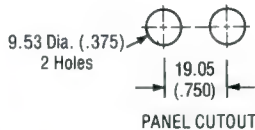
MATERIAL: Double binding post with captive thumb nut, brass. Accepts standard banana plug.

FINISH: Bright tin plated.

INSULATION: Polycarbonate.

RATING: 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max.

***MTG BASE COLOR:** -0 Black, -2 Red.



MODEL

4243-*

(unassembled)

LIST 4.30

HEX HEAD BINDING POST

Designed to meet all the requirements of MIL-P-55149/1A. Gold plated 10-32 hex nuts and lockwashers included. 2.54 mm (.100) dia. cross hole is perpendicular with flat on insulator. Mounts in panels up to 6.35 mm (.250) thick. Accepts standard banana plug.

MATERIAL: Binding post body with captive thumb nut, brass.

FINISH: Gold plated.

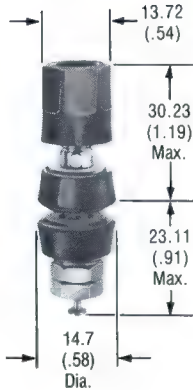
INSULATION: Nylon per MIL-P-20693, Type IV.

RATING: 1500 VRMS, 30 Amps, +80°C. (+176°F.) Max.

***STD COLORS:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White.



PANEL CUTOUT



MODEL

5018-*

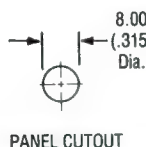
LIST 7.00

BINDING POST PER MIL-P-55149/8

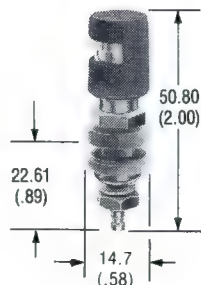
Spring-loaded insulated binding post that meets the requirements of MIL-P-55149/8 (U106/U). Silicone rubber O-rings provide water resistant seal when mounted in panels from 1.57 mm (.062) to 3.18 mm (.125) thick. Nickel plated 10-32 hex nut and lockwasher included.

MATERIAL: Brass.

FINISH: Nickel plated.



PANEL CUTOUT



MODEL

4995-0

4995-2

Boot Color

Black

Red

Military No.

PB08NA01

PB08NA02

(unassembled)

LIST 12.25

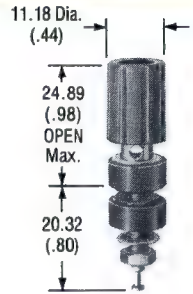
STANDARD BINDING POST

Accepts standard banana plug. Thin line design for high-density packaging. Nickel plated 8-32 hex nut and lockwasher included. 2.54 mm (.100) dia. cross hole is perpendicular with flat on insulator. Mounts in panels 1.57 mm (.062) to 6.35 mm (.250) thick.

RATING: 2500 WVDC, 15 Amps, +115°C. (+239°F.) Max. (Model 4901, +220°C. (+428°F.) Max.)



PANEL CUTOUT



MODEL	MATERIAL	INSULATION	*STD COLORS	LIST
3750-*	Brass, gold plated	Polycarbonate	-0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White	3.20
3760-*	Brass, bright tin plated			2.20
3770-*	Tellurium copper, gold plated			4.45
4901-*	Brass, bright tin plated	Polyphenylene Sulfide	-0 Black, -6 Blue	2.70

STANDARD BINDING POST WITH WRAPPED WIRE TERMINAL

Excellent for rapid connection of wires using wire-wrapping tools or machines. Accepts standard banana plug. Thin line design for high-density packaging. 8-32 hex nut and lockwasher included. 2.54 mm (.100) dia. cross hole is perpendicular with flat on insulator. Mounts in panels 1.57 mm (.062) to 6.35 mm (.250) thick.

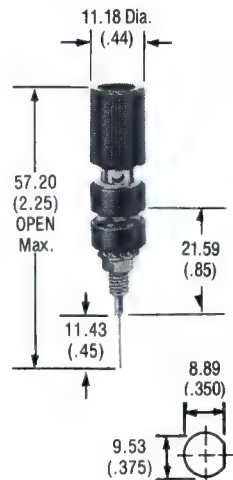
UPPER: Binding post with captive thumb nut. Brass, nickel plated.

INSULATION: Polycarbonate.

LOWER: 0.63 mm (.025) sq. wrapped wire terminal. Phosphor bronze, gold plated.

RATING: 2500 WVDC, 3 Amps, +115°C. (+239°F.) Max.

***STD COLORS:** -0 Black, -2 Red, -4 Yellow, -5 Green, -9 White.



PANEL CUTOUT

MODEL

4098-*

(unassembled)

LIST 3.60

FULLY INSULATED SPRING-LOADED BINDING POST

Spring loaded, fully insulated binding post allows fast and simple attachment of wires or plugs up to 2.16 mm (.085) dia. with insulation up to 4.06 mm (.160) dia. Nickel plated lockwasher and 8-32 hex nut included. Mounts in panels 1.57 mm (.062) to 9.53 mm (.375) thick.

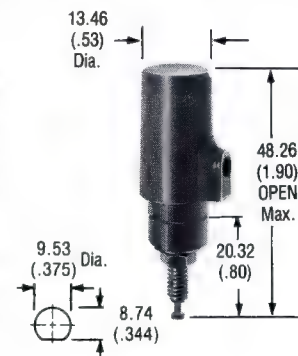
MATERIAL: Brass.

FINISH: Bright tin plated.

INSULATION: Polycarbonate.

RATING: 630 V Peak, 15 Amps, +115°C. (+239°F.) Max.

***STD COLORS:** -0 Black, -2 Red, -4 Yellow, -5 Green, -6 Blue, -9 White.



PANEL CUTOUT

MODEL

4770-*

(unassembled)

LIST 7.15

POMONA

BINDING POSTS

MINIATURE BINDING POST

Accepts miniature banana plug. #8-32 hex nut and lockwasher included. 2.18 (.086) dia. cross hole is perpendicular with flat on insulator. Mounts in panels up to 4.77 (.188) thick.

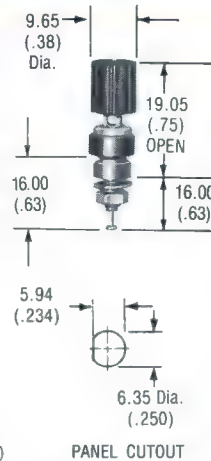
MATERIAL: Binding post body, captive thumb nut and hex nut, brass. Lockwasher, steel.

FINISH: Binding post with one captive thumb nut, gold or bright tin plated. Hex nut and lockwasher, nickel plated.

INSULATION: Polycarbonate.

RATING: 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



(unassembled)

PANEL CUTOUT

MODEL	Finish	LIST
2382-*	Gold Plated	3.40
2439-*	Tin Plated	2.60

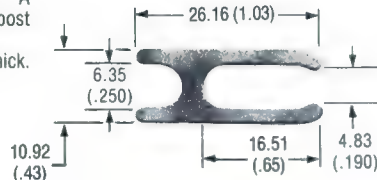
SHORTING LINK FOR STANDARD BINDING POSTS

Shorting link for standard binding posts on 19.05 (.750) centers. A snap-on feature holds link on post when short not needed.

MATERIAL: Brass, 0.79 (.031) thick.

FINISH: Nickel plated.

RATING: 15 Amps.



LIST .60 EA.
(Ten Per Pkg.)

MODEL
4115

MINIATURE INSULATED DOUBLE BINDING POST

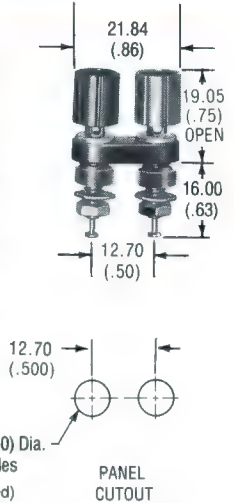
Accepts miniature banana plug. 8-32 hex nut and lockwasher included. 2.18 (.086) dia. cross hole is perpendicular with flat on insulator. Mounts in panels 4.77 (.188) thick.

MATERIAL: Miniature double binding post body, captive thumb nut and hex nut, brass. Lockwasher, steel. Polycarbonate insulation. One red and one black.

FINISH: Miniature binding post body and captive thumb nut, gold or bright tin plated. Lockwasher and hex nut, nickel plated.

RATING: 1500 WVDC, 5 Amps, +115°C. (+239°F.) Max.

***MTG BASE COLOR:** -0 Black, -2 Red.



(unassembled)

PANEL CUTOUT

MODEL	Finish	LIST
2383-*	Gold Plated	6.85
2440-*	Tin Plated	5.30

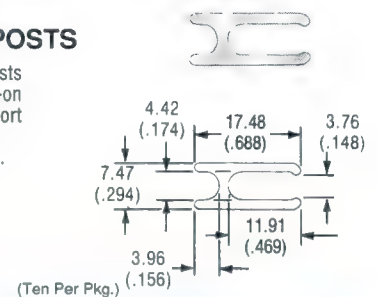
SHORTING LINK FOR MINIATURE BINDING POSTS

Shorting link for miniature binding posts on 12.70 (.500) centers. A snap-on feature holds link on posts when short not needed.

MATERIAL: Brass, 0.79 (.031) thick.

FINISH: Nickel or gold plated.

RATING: 5 Amps.



(Ten Per Pkg.)

MODEL	Finish	LIST
3478	Gold Plated	2.25 EA.
3479	Nickel Plated	1.70 EA.

MISCELLANEOUS ACCESSORIES

INSULATED SPADE LUG

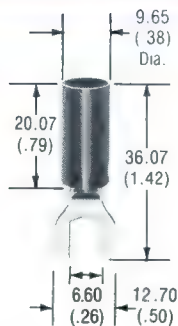
UPPER: Model 4769, pin jack. Spring, beryllium copper, gold plated. Model 1614, banana jack, brass, nickel plated.

INSULATION: ABS.

LOWER: 1.52 (.060) thick spade lug, brass, nickel plated.

RATING: 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL	Upper	LIST
4769	Pin Jack	2.55
1614	Banana Jack	1.70

INSULATED BARRIER STRIP SPADE LUG TO BANANA JACK

Permits single banana plug to be used with equipment having barrier strips. Lugs fit a No. 4, 5, 6, 8 or 10 screw (see listing).

UPPER: Banana jack. 4.22 (.166) dia., brass, nickel plated.

INSULATION: ABS.

LOWER: 0.76 (.03) thick spade lug (see listing). Copper, electro-tin plated.

RATING: 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL	Lug Size	Dim. A	Dim. B
3744-*	4, 5 & 6	3.81 (.15)	6.10 (.24)
3777-*	8 & 10	4.83 (.19)	7.62 (.30)

LIST 2.75

LOW THERMAL EMF TELLURIUM COPPER INSULATED SPADE LUG

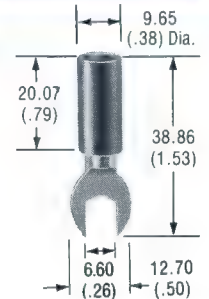
Provides precision measurement when attaching banana plug to equipment with binding posts.

UPPER: Banana jack, tellurium copper, gold plated. Accepts standard banana plug.

INSULATION: ABS, one black and one red.

LOWER: 2.03 (.080) thick spade lug, tellurium copper, gold plated.

RATING: 5000 WVDC, 15 Amps, +50°C. (+122°F.) Max.



LIST 9.75 KIT
(Kit contains 1 Red & 1 Black)

MODEL
2305

TERMINAL STRIP BANANA JACK ADAPTER

This adapter makes it easy to make connections to barrier and terminal strips without removing the screws and disturbing the circuit.

Use with any standard banana plug patch cords.

***STD COLORS:** -0 Black, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -9 White.



MODEL	Thread
5699-*	6-32
5700-*	8-32
5701-*	10-32

LIST 2.75

POMONA

BANANA PLUG/JACK ADAPTERS

MINIATURE DOUBLE BANANA JACK TO STANDARD DOUBLE BANANA PLUG

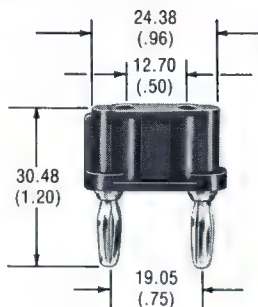
Permits miniature double banana plug on 12.70 mm (.500) centers to be used with equipment having standard double banana jacks on 19.05 (.750) centers.

UPPER: Miniature double banana jack. 2.64 mm (.104) dia., brass, nickel plated.

INSULATION: ABS, black.

LOWER: Standard double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits 4.22 mm (.166) dia. standard banana jacks.

RATING: 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.



LIST 8.60

MODEL

2943

STANDARD DOUBLE BANANA JACK TO MINIATURE DOUBLE BANANA PLUG.

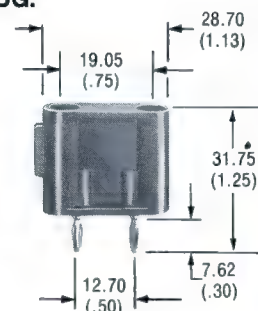
Permits standard double banana plug on 19.05mm (.750) centers to be used with equipment having miniature double banana jacks on 12.70mm (.500) centers.

UPPER: Standard double banana jack. 4.22mm (.166) dia., brass, nickel plated. Accepts standard banana plug.

INSULATION: ABS, black.

LOWER: Miniature double banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits miniature 2.64mm (.104) dia. banana jacks.

RATING: 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.



LIST 5.70

MODEL

2952

STANDARD BANANA JACK TO MINIATURE BANANA PLUG

Permits standard banana plug to be used with equipment having miniature banana jacks.

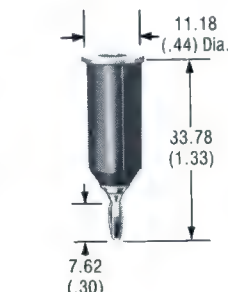
UPPER: Standard banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: ABS.

LOWER: Miniature banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits 2.64 mm (.104) dia. miniature banana jacks.

RATING: 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



LIST 1.65 EA.
(Pkg. Five Per Color)

MODEL

2138*

MINIATURE BANANA JACK TO STANDARD BANANA PLUG

Permits miniature banana plugs to be used with equipment having standard banana jacks.

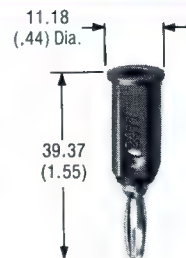
UPPER: Miniature banana jack. 2.64 mm (.104) dia., brass, nickel plated.

INSULATION: ABS.

LOWER: Standard banana plug. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



LIST 1.50 EA.
(Pkg. Five Per Color)

MODEL

2477*

PIN JACK TO BANANA PLUG

Permits pin tip cords to be used with equipment having banana jacks.

UPPER: Pin jack. Spring, beryllium copper, gold plated. Accepts 2.03 mm (.080) dia. pin.

INSULATION: ABS.

LOWER: Banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated.

RATING: 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



LIST 1.70

MODEL

1809*

BANANA JACK TO PIN TIP PLUG

Permits standard banana plug patch cords to be used with equipment having tip jacks. Cross hole 4.22 mm (.166) dia. provides side stackup connection.

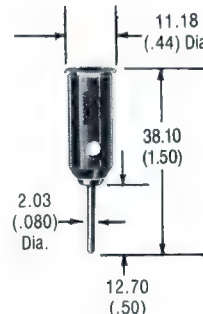
UPPER: Banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: ABS.

LOWER: Pin tip plug. Brass, nickel plated.

RATING: 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



LIST .90 EA.
(Pkg. Ten Per Color)

MODEL

1432*

CONNECTOR TEST ADAPTERS

An ideal test adapter for rapid testing of the hard-to-get at contacts of multipin/socket rack or panel connectors. Flexible tip allows testing of adjacent contacts. Flexibility and full insulation protects against shorting or contact damage. The model 4690 also fits .635 mm (.025) sq. pins.

UPPER: Banana jack. 4.22 mm (.166) dia., brass, nickel plated.

INSULATION: Polyvinyl chloride (PVC).

LOWER: Socket type, copper. Pin type, brass. Gold plated. See tab block.

RATING: 2500 WVDC, +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



3562
SOCKET TYPE



3561
PIN TYPE



TYPICAL APPLICATION

MODEL	Contact Size	Type	Current Rating	LIST
4690*	22	Socket	5 Amps	3.60
4691*	22 .762 (.030) dia.	Pin	5 Amps	2.75
3560*	20	Socket	7.5 Amps	2.75
3561*	20 1.02 (.040) dia.	Pin	7.5 Amps	3.00
3562*	16	Socket	13 Amps	3.00
3563*	16 1.60 (.063) dia.	Pin	13 Amps	2.60
3564*	12	Socket	23 Amps	4.85
3565*	12 2.36 (.093) dia.	Pin	23 Amps	2.60

POMONA

BANANA PLUG / JACK ADAPTERS

BANANA JACKS TO DOUBLE PIN TIP PLUG WITH SETSCREWS

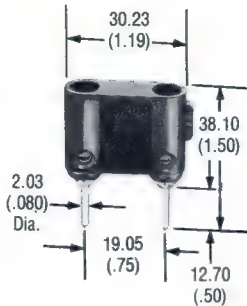
Permits single or double banana plugs to be used in equipment having tip jacks. Features recess for component mounting. Internal setscrews firmly secure wire leads.

UPPER: Double banana jack 4.22 (.166) dia., brass, nickel plated.

INSULATION: ABS, black.

LOWER: Double pin tip plug. Brass, nickel plated.

RATING: 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.



MODEL
1858

LIST 3.20

BINDING POST TO SINGLE PIN TIP PLUG

Center cross hole 4.22 (.166) dia. in body provides side stackup connection.

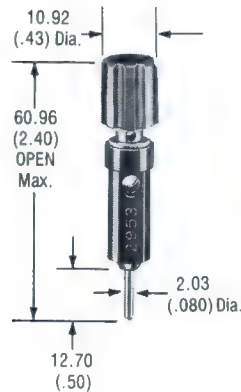
UPPER: Binding post with captive thumb nut, brass, nickel plated. Polycarbonate insulation. Accepts standard banana plug.

INSULATION: ABS, black.

LOWER: Pin tip plug. Brass, nickel plated.

RATING: 3000 WVDC, 5 Amps, +50°C. (+122°F.) Max.

***BINDING POST COLORS:** -0 Black, -2 Red.



MODEL
2953*

LIST 4.50

MINIATURE BINDING POSTS TO MINIATURE DOUBLE BANANA PLUG

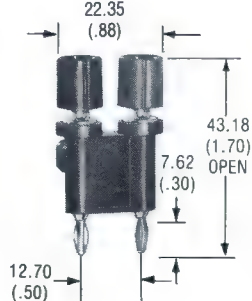
This adapter converts miniature banana jacks to miniature binding posts.

UPPER: Miniature double binding post body with captive thumb nut. Brass, gold plated. Polycarbonate insulation. One black and one red. Accepts miniature banana plugs.

INSULATION: ABS, black.

LOWER: Miniature double banana plug. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 (.104) dia. banana jacks.

RATING: 2500 WVDC, 5 Amps, +50°C. (+122°F.) Max.



MODEL
3822

LIST 10.35

BINDING POST TO SINGLE BANANA PLUG

Features insulated binding post for rapid mounting and interchangeability of components. Center cross hole 4.22 (.166) dia. provides side stackup connection.

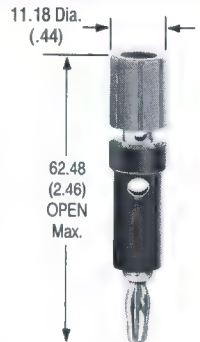
UPPER: Binding post. Body with captive thumb nut, brass, nickel plated. Accepts standard banana plug.

INSULATION: ABS, black.

LOWER: Single banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 (.166) dia. banana jacks.

RATING: 2500 WVDC, 15 Amps, +50°C. (+122°F.) Max.

***BINDING POST COLORS:** -0 Black, -2 Red.



MODEL
2894*

LIST 3.70

BINDING POSTS TO DOUBLE BANANA PLUG

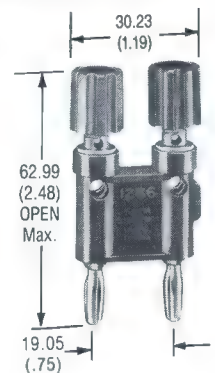
Features insulated binding posts on 19.05 (.750) centers for rapid mounting and interchangeability of components. Center cross hole 4.22 (.166) dia. provides side stackup connection.

UPPER: Double binding post. Body with captive thumb nut, brass, nickel plated. Accepts standard banana plug. Insulation, polycarbonate. One black and one red.

INSULATION: ABS, black.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 (.166) dia. banana jacks.

RATING: 2500 WVDC, 15 Amps, +50°C. (+122°F.) Max.



MODEL
1286

LIST 6.80

BINDING POSTS TO DOUBLE BANANA PLUG GOLD PLATED

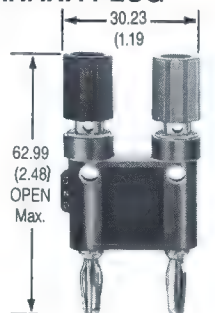
Similar to Model 1286 (above) except gold plated.

UPPER: Double binding post. Gold plated brass body with captive thumb nut. Accepts standard banana plug. Insulation, polycarbonate. One black and one red.

INSULATION: ABS, black.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, gold plated. Fits standard 4.22 (.166) dia. banana jacks.

RATING: 2500 WVDC, 15 Amps, +50°C. (+122°F.) Max.



MODEL
5405

LIST 9.10

BINDING POSTS TO TRIPLE BANANA PLUG

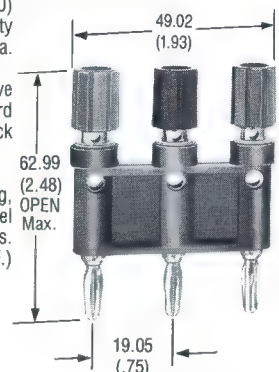
Features insulated binding posts on 19.05 (.750) centers for rapid mounting and interchangeability of components. Center cross holes 4.22 (.166) dia. provide side stackup connection.

UPPER: Triple binding post. Body with captive thumb nut, brass, nickel plated. Accepts standard banana plug. Insulation, polycarbonate. Red, black (center), green.

INSULATION: ABS, black.

LOWER: Triple banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 (.166) dia. banana jacks.

RATING: 2500 WVDC, 15 Amps, +50°C. (+122°F.) Max.



MODEL
3405

LIST 11.20

COAXIAL ADAPTERS

BNC FEMALE TO SINGLE STANDARD BANANA PLUG

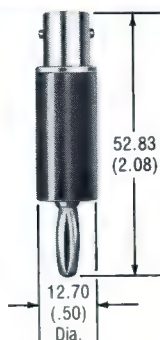
Permits BNC male to be used with equipment having banana jacks. Inner conductor connected only. Excellent for adapting laboratory VTVM, oscilloscopes and signal generator inputs to readily available coaxial cables.

UPPER: BNC female. Impedance: 50 Ohms.

INSULATION: ABS, black.

LOWER: Banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard banana jack.

RATING: Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



LIST 5.70

MODEL

1894

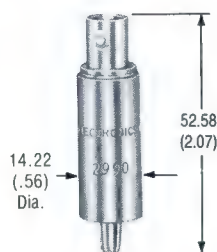
BNC FEMALE TO SHIELDED BANANA PLUG

Permits BNC male to be used with equipment having banana jacks or binding posts. All metal construction for proper shielding.

UPPER: BNC female. Impedance: 50 Ohms.

LOWER: Shielded banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jacks. Shield, brass, nickel plated.

RATING: Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



LIST 9.15

MODEL

2990

BNC FEMALE TO SINGLE BANANA PLUG WITH GROUND LEAD

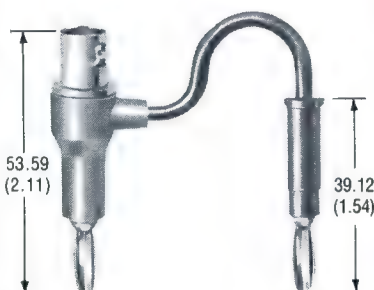
Permits BNC male to be used with equipment having standard banana jacks. Allows the ground jack to be located up to 63.50 mm (2.50) away from the output/input jack.

UPPER: BNC female. Impedance: 50 Ohms.

INSULATION: Polypropylene, red.

LOWER: Banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jacks. Ground, 18 AWG wire with single banana plug. Polypropylene insulation, black.

RATING: Operating Voltage: 500 VRMS Max., +55°C. (+131°F.) Max.



LIST 9.70

MODEL

4684

BNC FEMALE TO SINGLE PIN TIP PLUG

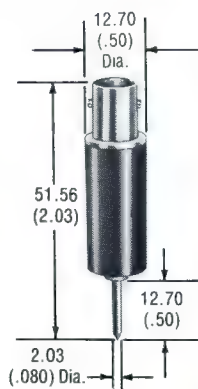
Permits BNC male to be used with equipment having 2.03 mm (.080) dia. pin tip jacks. Inner conductor connected only. Excellent for adapting laboratory VTVM, oscilloscopes and signal generator inputs to readily available coaxial cables.

UPPER: BNC female. Impedance: 50 Ohms.

INSULATION: ABS, black.

LOWER: Pin tip plug. Brass, nickel plated.

RATING: Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



LIST 4.90

MODEL

3415

BNC FEMALE TO DOUBLE BANANA PLUG

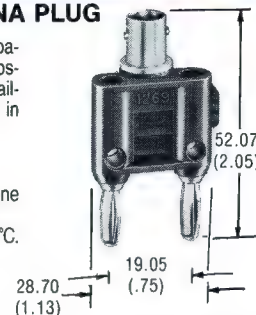
Permits BNC male to be used with equipment having banana jacks. Excellent for adapting laboratory VTVM, oscilloscopes and signal generator inputs to readily available coaxial cables. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

UPPER: BNC female. Impedance: 50 Ohms.

INSULATION: ABS, black.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated.

RATING: Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



LIST 5.15

MODEL

1269

BNC FEMALE TO MINIATURE DOUBLE BANANA PLUG

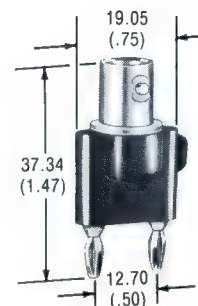
Allows a BNC male to be used with equipment having 12.70 mm (.500) spaced miniature 2.64 mm (.104) dia. banana jacks. Excellent for adapting test equipment to standard coaxial cables.

UPPER: BNC female. Impedance: 50 Ohms.

INSULATION: ABS, black.

LOWER: Miniature double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, gold plated. Fits miniature 2.64 mm (.104) dia. banana jack.

RATING: Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



LIST 8.00

MODEL

3269

SIGNAL ISOLATOR — BNC FEMALE TO DOUBLE BANANA PLUG

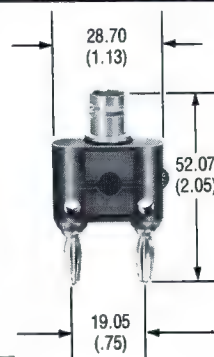
Permits BNC male connector to be used with equipment having banana jacks. General purpose ceramic capacitor molded internally. Rated @ .01 μ F \pm 20%, 200 W VDC. Insulation resistance 10,000 megohms min. Ideal for isolating DC signals from VTVM inputs and signal generator outputs. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

UPPER: BNC female. Impedance: 50 Ohms.

INSULATION: ABS, blue.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated.

RATING: 200 WVDC, +50°C. (+122°F.) Max.



LIST 13.80

MODEL

1868

Note: Can not pass continuity test due to capacitor.

ADAPTER — BNC FEMALE TO DOUBLE BANANA PLUG — FOUR TERMINAL ISOLATION

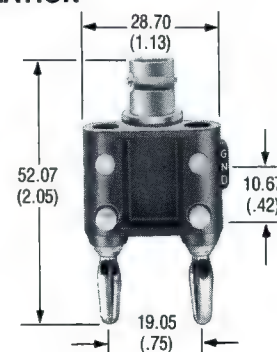
Permits BNC male to be used with equipment having banana jacks. Provides isolation for a four terminal network. Excellent for matching pad networks. Bright tin plated solder turret terminals for permanent noise-free connections.

UPPER: BNC female. Impedance: 50 Ohms.

INSULATION: Polypropylene, black.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: Operating Voltage: 500 VRMS Max., +55°C. (+131°F.) Max.



LIST 15.95

MODEL

1468

POMONA

COAXIAL ADAPTERS

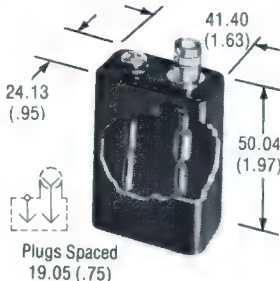
BNC FEMALE TO SHIELDED DOUBLE BANANA PLUG

Permits BNC male to be used with equipment having banana jack binding posts. Black anodized aluminum shield.

UPPER: BNC female. Impedance: 50 Ohms.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jacks. Shielded can, aluminum, black anodized.

RATING: Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



MODEL

1645

LIST 13.80

BNC MATCHING PAD

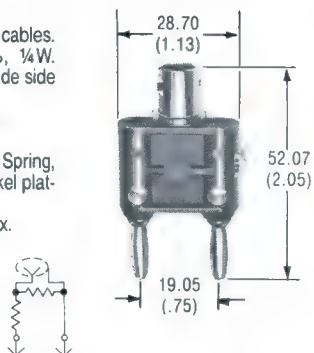
Adapts 600 Ohm sources to 50 or 75 Ohm cables. Molded in deposited carbon resistors 1%, 1/4W. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

UPPER: BNC female. Impedance: 50 Ohms.

INSULATION: ABS.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated.

RATING: 300 WVDC, +50°C. (+122°F.) Max.



MODEL

1656-1

Color

Yellow

Match in Ohms

600 to 50

1656-2

Red

600 to 75

LIST 18.25

BNC MALE TO DOUBLE BANANA PLUG

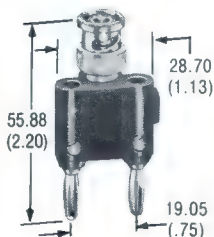
Permits BNC female to be used with equipment having banana jacks. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

UPPER: BNC male. Impedance: 50 Ohms.

INSULATION: ABS, black.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated.

RATING: Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



MODEL

1270

LIST 8.05

MICRODOT RECEPTACLE TO DOUBLE BANANA PLUG

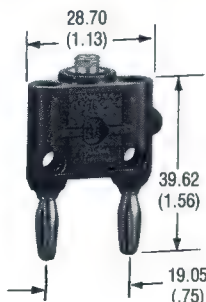
Permits Microdot miniature coaxial plug to be used with equipment having banana jacks. Cross holes in body provide side stackup connections.

UPPER: Microdot receptacle, 50 Ohms, 10-32 thread.

INSULATION: ABS, green.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22mm (.166) dia. banana jacks.

RATING: 750 VRMS, +50°C. (+122°F.) Max.



MODEL

1275

LIST 26.45

TYPE "N" FEMALE TO DOUBLE BANANA PLUG

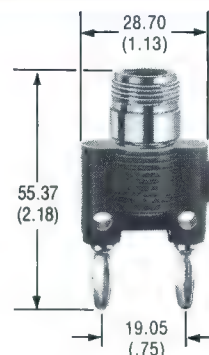
Permits type "N" male to be used with equipment having banana jacks. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

UPPER: Type "N" female. Impedance: 50 Ohms.

INSULATION: ABS, black.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper. Nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: Operating Voltage: 1000 VRMS Max., +50°C. (+122°F.) Max.



MODEL

1740

LIST 18.35

MHV FEMALE TO DOUBLE BANANA PLUG

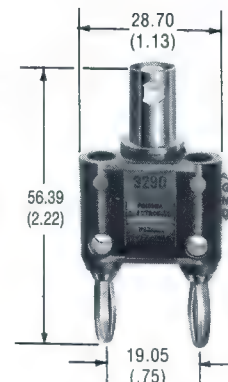
This adapter allows an MHV male to be used with equipment having 19.05 mm (.750) spaced banana jacks. Cross holes 4.22 mm (.166) dia. provide side stackup connections.

UPPER: MHV female.

INSULATION: ABS, black.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated.

RATING: 5000 V peak, +50°C. (+122°F.) Max.



MODEL

3290

LIST 24.20

UHF FEMALE TO DOUBLE BANANA PLUG

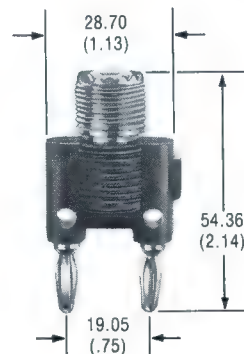
Permits UHF male to be used with equipment having banana jacks. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

UPPER: UHF female. Impedance: Nonconstant.

INSULATION: ABS, black.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jack.

RATING: Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



MODEL

1707

LIST 18.05

TWINAX FEMALE TO DOUBLE BANANA PLUG

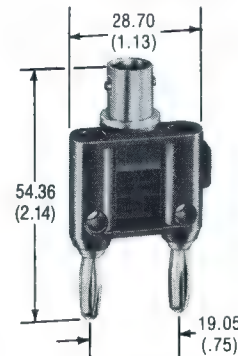
This adapter allows a twinax male to be used with equipment having 19.05 (.750) spaced banana jacks.

UPPER: Twinax female.

INSULATION: ABS, black.

LOWER: Double banana plug. Body, brass. Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jacks.

RATING: Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



MODEL

4930

LIST 22.85

POMONA

COAXIAL ADAPTERS

PHONO JACK TO DOUBLE BANANA PLUG

Permits phono plug to be used with equipment having banana jacks or binding posts. Cross holes 4.22 (.166) dia. in body provide side stackup connections.

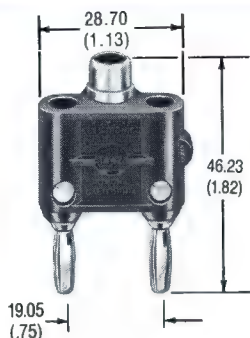
UPPER: Phono jack.

INSULATION: Polystyrene, black.

LOWER: Double banana plug body, brass.

Spring, one piece heat treated beryllium copper, nickel plated.

RATING: 500 WVDC, +50°C. (+122°F.) Max.



MODEL

1442

LIST 9.20

PHONE JACK TO DOUBLE BANANA PLUG

Permits a standard 2 conductor 6.35 mm (.250) dia. phone plug to be used with equipment having banana jacks or binding posts. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

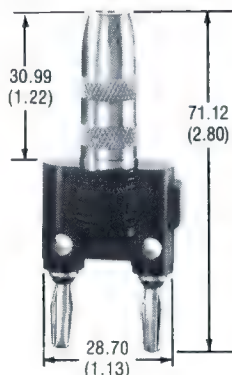
UPPER: Phone jack. Accepts standard 6.35 mm (.250) dia. phone plug.

INSULATION: ABS, black.

LOWER: Double banana plug. Body, brass.

Spring, one piece heat treated beryllium copper, nickel plated. Fits standard 4.22 mm (.166) dia. banana jacks.

RATING: 500 VRMS, +50°C. (+122°F.) Max.



MODEL

4044

LIST 14.15

STANDARD DOUBLE BINDING POSTS TO BNC MALE

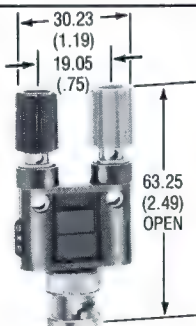
Permits single or double banana plugs to be used with equipment having a BNC female.

UPPER: Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: BNC male. Impedance: 50 Ohms.

RATING: Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



MODEL

1296

LIST 9.60

SINGLE BINDING POST TO BNC MALE

Permits single banana plug to be used with equipment having a BNC female.

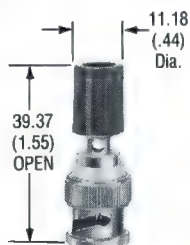
UPPER: Binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs.

INSULATION: Polycarbonate.

LOWER: BNC Male. Impedance: 50 Ohms.

RATING: Operating Voltage: 500 VRMS Max., +115°C. (+239°F.) Max.

*STD COLORS: -0 Black, -2 Red.



MODEL

3430*

LIST 4.80

ADAPTER — BINDING POSTS TO BNC MALE FOUR TERMINAL ISOLATION

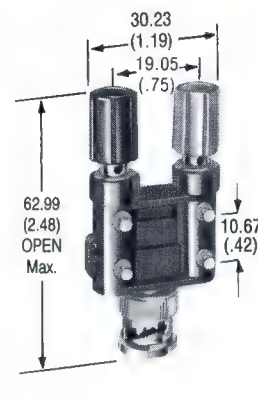
Permits single or double banana plugs to be used with equipment having BNC female. Provides isolation for a four terminal network. Binding posts facilitate connections of test leads or additional components. Bright tin plated solder turret terminals provide permanent noise-free connections.

UPPER: Double binding post. Body with captive thumb nut, brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

INSULATION: Polypropylene, black.

LOWER: BNC male. Impedance: 50 Ohms.

RATING: Operating Voltage: 500 VRMS Max., +55°C. (+131°F.) Max.



MODEL

1469

LIST 20.10

MINIATURE BINDING POSTS TO BNC MALE

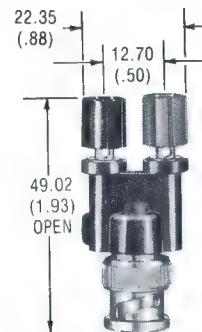
Converts a BNC female to miniature 12.70 mm (.500) spaced binding posts.

UPPER: Miniature double binding post with captive thumb nut. Brass, gold plated. Accepts miniature banana plugs. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: BNC male. Impedance: 50 Ohms.

RATING: Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.



MODEL

3296

LIST 14.95

BINDING POSTS TO MHV MALE

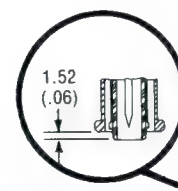
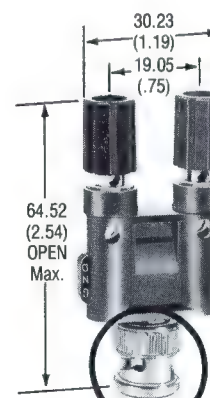
This adapter converts a MHV female to standard binding posts. Cross holes 4.22 mm (.166) dia. in plug body provide side stackup connections.

UPPER: Double binding post body with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: MHV male.

RATING: 5000 V peak, +50°C. (+122°F.) Max.



MODEL

3291

LIST 28.75

POMONA

COAXIAL ADAPTERS

BINDING POSTS TO BNC FEMALE

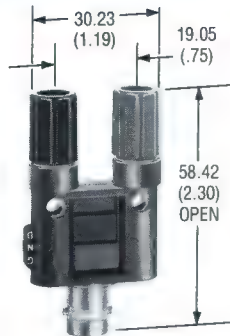
Permits single or double banana plugs to be used with equipment having a BNC male.

UPPER: Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: BNC female. Impedance: 50 Ohms.

RATING: Operating Voltage: 500 VRMS Max., + 50°C. (+ 122°F.) Max.



MODEL

1452

LIST 8.05

BINDING POSTS TO TYPE "N" MALE

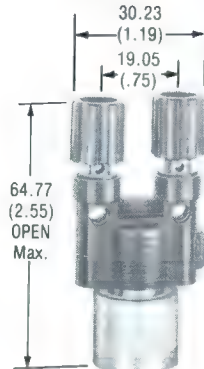
Permits single or double banana plugs to be used with equipment having type "N" female. Cross holes 4.22 (.166) dia. in body provide side stackup connections.

UPPER: Double binding post body with captive thumb nut. Brass, nickel plated. Accepts standard banana plug. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: Type "N" male. Impedance: 50 Ohms.

RATING: Operating Voltage: 1000 VRMS Max., + 50°C. (+ 122°F.) Max.



MODEL

1796

LIST 20.20

BINDING POSTS TO MINIATURE PHONE PLUG

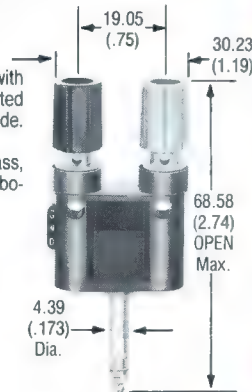
Permits single or double banana plug to be used with equipment having three-circuit phone jacks. Tip connected to hot side of adapter and ring connected to ground side. Sleeve, no connection.

UPPER: Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: Miniature phone plug.

RATING: 500 V Peak, + 50°C. (+ 122°F.) Max.



MODEL

5001

LIST 16.40

BINDING POSTS TO UHF FEMALE

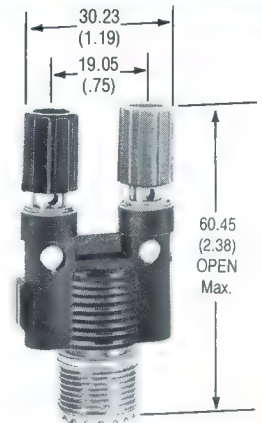
Permits single or double banana plugs to be used with equipment having UHF male. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

UPPER: Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plug. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: UHF female. Impedance: Nonconstant.

RATING: Operating Voltage: 500 VRMS Max., + 50°C. (+ 122°F.) Max.



MODEL

1792

LIST 23.05

BINDING POSTS TO UHF MALE

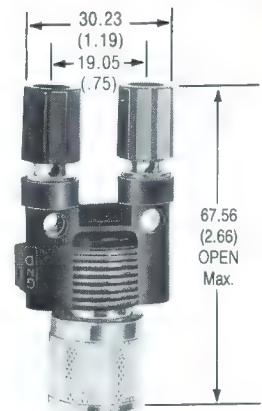
Permits single or double banana plugs to be used with equipment having a UHF female. Cross holes 4.22 mm (.166) dia. in body provide side stackup connections.

UPPER: Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plug. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: UHF male. Impedance: Nonconstant.

RATING: Operating Voltage: 500 VRMS Max., + 50°C. (+ 122°F.) Max.



MODEL

1699

LIST 16.10

BINDING POSTS TO PHONO PLUG

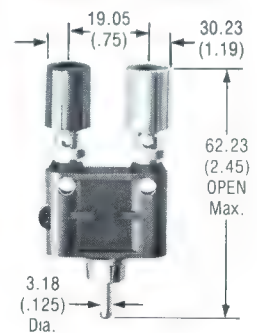
Permits single or double banana plugs to be used with equipment having a phono jack. Ideal for banana plug stackups or patch cords.

UPPER: Double binding post body with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: RCA phono plug.

RATING: 500 WVDC, + 50°C. (+ 122°F.) Max.



MODEL

4729

LIST 11.20

BNC / BANANA / BINDING POST ADAPTER KIT

Kit contains one each:

- 1269 BNC Female to Double Banana Plug
- 1270 BNC Male to Double Banana Plug
- 1296 BNC Male to Double Binding Posts
- 1452 BNC Female to Double Binding Posts
- 3283 BNC Female to Female
- 3533 BNC Male to Male

MODEL

5510



LIST 37.75

POMONA

PHONE ADAPTERS

BINDING POSTS TO PJ-068/WE-309 PHONE PLUG

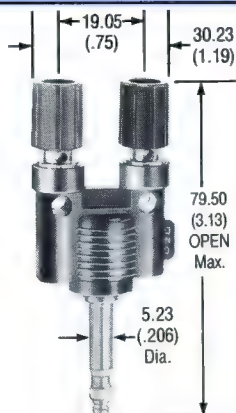
Permits single or double banana plug to be used with equipment having three circuit phone jacks. Tip connected to red post, ring to black. Sleeve, no connection. Cross holes 4.22 mm (.166) dia. in plug body provide side stackup.

UPPER: Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: Phone plug, PJ-068 (equivalent to WE-309).

RATING: 500 V peak, +50°C. (+122°F.) Max.



LIST 29.80

MODEL

3365

BINDING POSTS TO PHONE PLUG

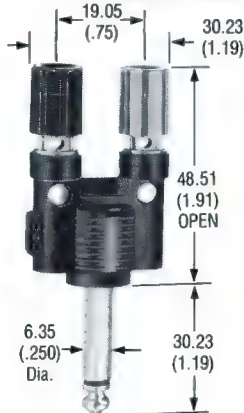
Permits single or double banana plug to be used with equipment having phone jacks. Cross holes 4.22 mm (.166) dia. in plug body provide side stackup.

UPPER: Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: Standard phone plug.

RATING: 500 WVDC, +50°C. (+122°F.) Max.



LIST 11.50

MODEL

1285

BINDING POSTS TO PJ-051/WE-310 PHONE PLUG

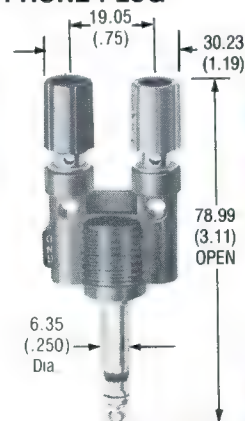
Permits single or double banana plug to be used with equipment having three circuit phone jacks. Tip connected to hot side of adapter and ring connected to ground side. Sleeve, no connection. Cross holes 4.22 mm (.166) dia. in plug body provide side stackup.

UPPER: Double binding post with captive thumb nut. Brass, nickel plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

INSULATION: ABS, black.

LOWER: Phone plug, PJ-501 (equivalent to WE-310).

RATING: 500 V peak, +50°C. (+122°F.) Max.



LIST 17.15

MODEL

2112

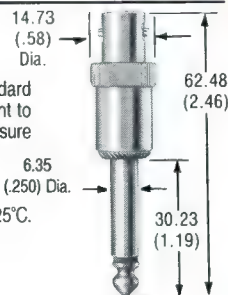
BNC FEMALE TO PHONE PLUG

Permits BNC male to be used with equipment having standard 6.35 mm (.250) dia. phone jacks. Readily adapts equipment to available BNC coaxial cables. All metal construction to insure proper shielding.

UPPER: BNC female. Impedance: 50 Ohms.

LOWER: Standard phone plug.

RATING: Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



LIST 8.75

MODEL

1297

BNC FEMALE TO PJ-051/WE-310 PHONE PLUG

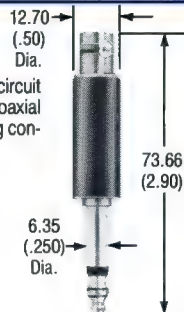
Permits BNC male to be used with equipment having three circuit phone jacks. Readily adapts equipment to available BNC coaxial cables. Tip connected to inner contact of connector and ring connected to shell. Sleeve, no connection.

UPPER: BNC female. Impedance: 50 Ohms.

INSULATION: ABS, black.

LOWER: Phone plug, PJ-051 (equivalent to WE-310).

RATING: 500 V peak, +50°C. (+122°F.) Max.



LIST 16.75

MODEL

2798

BNC FEMALE TO MINIATURE PHONE PLUG

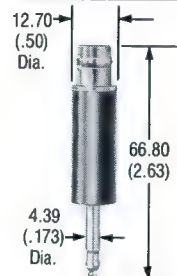
Permits BNC male to be used with equipment having miniature phone jacks. Readily adapts equipment with BNC jacks through the use of BNC coaxial cables. Tip is connected to inner contact of connector and the ring is connected to the shell. The sleeve is not connected.

UPPER: BNC female. Impedance: 50 Ohms.

INSULATION: ABS, black.

LOWER: Miniature phone plug.

RATING: 500 V peak, +50°C. (+122°F.) Max.



LIST 15.90

MODEL

4719

BNC FEMALE TO PJ-068/WE-309 PHONE PLUG

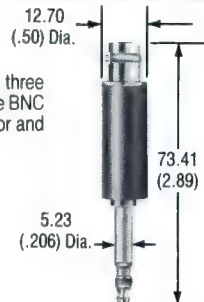
Permits BNC male to be used with equipment having three circuit phone jacks. Readily adapts equipment to available BNC coaxial cable. Tip connected to inner contact of connector and ring connected to shell. Sleeve, no connection.

UPPER: BNC female. Impedance: 50 Ohms.

INSULATION: ABS, black.

LOWER: Phone plug, PJ-068 (equivalent to WE-309).

RATING: 500 V peak, +50°C. (+122°F.) Max.



LIST 27.50

MODEL

1794

PHONE PLUG PJ051 (WE-310)

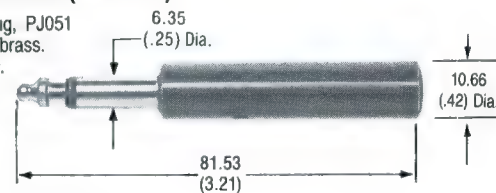
MATERIAL: Phone plug, PJ051 (equivalent to WE310), brass.

INSULATION: Phenolic.

RATING: 500 V peak.

HANDLE COLOR:

-0 Black, -2 Red.



LIST 11.80

MODEL

4797-*

MINIATURE PHONE JACK TO PJ-051 (WE-310) PLUG

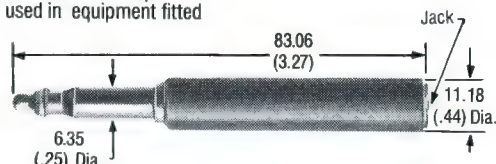
This adapter allows the use of miniature phone plug patch cords to be used in equipment fitted with PJ-051 jacks.

UPPER: 4.39mm (.173) Miniature phone jack.

INSULATION: Nylon.

LOWER: PJ-051 plug.

RATING: 500 V Peak.



LIST 30.55

MODEL

4993

POMONA

PHONE/PHONO ADAPTERS

PHONE JACK TO BNC MALE

Permits a standard 2 conductor 6.35 mm (.250) dia. phone plug to be used with equipment having BNC female. All metal construction to insure proper shielding.

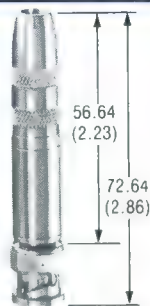
UPPER: Phone jack. Accepts standard 6.35 mm (.250) dia. phone plug, 30.23 mm (1.190) long.

LOWER: BNC male. Impedance: 50 Ohms.

RATING: Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.

MODEL

4043



LIST 20.05

BNC FEMALE TO TYPE "F" MALE PUSH-ON

This adapter allows equipment, such as TVs, computers, etc. using type "F" females to be used with equipment with BNC males.

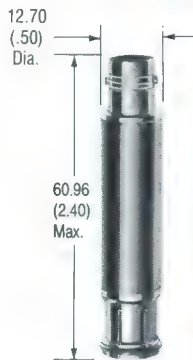
UPPER: BNC Female. brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated.

LOWER: Push-on Type "F" Male. Brass, nickel plated.

RATING: Operating Voltage: 500 VRMS Max., Impedance: 50 Ohms, -65°C. (-85°F.) to +165°C. (+329°F.)

MODEL

4941



LIST 12.15

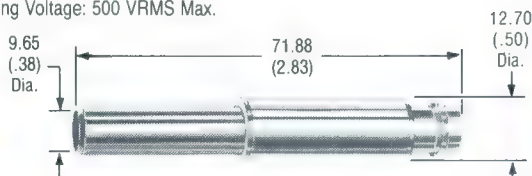
BNC FEMALE TO 2.29 mm (.090) VIDEO PLUG

Permits BNC male to be used with equipment having Western Electric 2.29 mm (.090) video plugs.

UPPER: BNC female. Impedance: 50 Ohms.

LOWER: Video plug (equivalent to WE-090).

RATING: Operating Voltage: 500 VRMS Max.



MODEL

5008

LIST 31.45

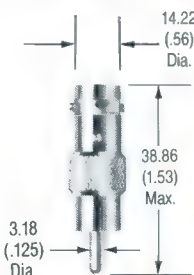
BNC FEMALE TO PHONO PLUG

Permits BNC male to be used with equipment having phono jacks. Similar to model 2957 except for length and contact plating.

UPPER: BNC female. Nickel plated center contact. Impedance: 50 Ohms.

LOWER: Phono plug. Brass, nickel plated.

RATING: Operating Voltage: 500 VRMS Max., +102°C. (+216°F.) Max.



MODEL

5319

LIST 4.75

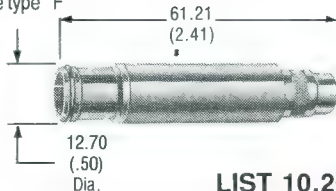
PHONO JACK TO TYPE "F" MALE PUSH-ON

This adapter is a must for the home computer user. It allows a phono cable to be plugged into the type "F" female connector in the rear of TV sets.

UPPER: Phono jack. Brass, nickel plated.

LOWER: Type "F" male push-on.

RATING: +50°C. (+122°F.) Max.



MODEL

4984

LIST 10.20

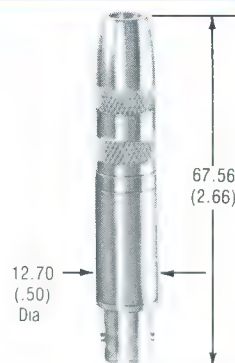
PHONE JACK TO BNC FEMALE

This adapter allows a cable with a 2 conductor 6.35 mm (.250) dia. phone plug to be attached to a cable with a BNC male. All metal construction for proper shielding.

UPPER: Phone jack. Accepts standard 6.35 mm (.250) dia. phone plug. Brass, nickel plated.

LOWER: BNC female. Impedance: 50 Ohms.

RATING: Operating Voltage: 500 VRMS Max., +85°C. (+185°F.) Max.



LIST 15.20

MODEL

4026

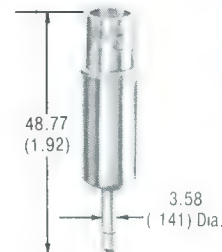
BNC FEMALE TO TINI PLUG

Permits BNC males to be used with equipment having Tini Jacks. Readily adapts equipment to available BNC coaxial cables. All metal construction to insure proper shielding.

UPPER: BNC female. Impedance: 50 Ohms.

LOWER: 2 conductor Tini Plug.

RATING: Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



LIST 9.85

MODEL

3837

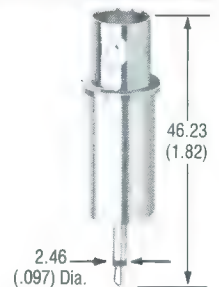
BNC FEMALE TO MICRO PLUG

Permits BNC males to be used with equipment having micro jacks. Readily adapts equipment to available BNC coaxial cables. All metal construction to insure proper shielding.

UPPER: BNC female. Impedance: 50 Ohms.

LOWER: 2 conductor micro plug.

RATING: Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



LIST 10.85

MODEL

4267

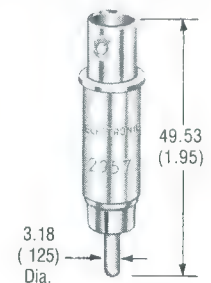
BNC FEMALE TO PHONO PLUG

Permits BNC male to be used with equipment having phono jacks. Readily adapts equipment to available BNC coaxial cables. All metal construction to insure proper shielding. (See also model 5319).

UPPER: BNC female. Impedance: 50 Ohms.

LOWER: Phono plug, brass, nickel plated.

RATING: Operating Voltage: 500 VRMS Max., +102°C. (+216°F.) Max.



LIST 7.50

MODEL

2957

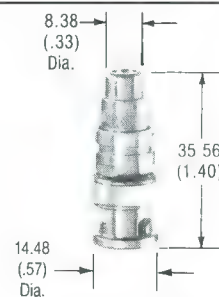
PHONO JACK TO BNC MALE

Permits phono plug to be used with equipment having BNC females. Quickly converts a cable with a phono plug to a BNC male. All metal construction to insure proper shielding.

UPPER: Phono jack. Brass, nickel plated.

LOWER: BNC male. Impedance: 50 Ohms.

RATING: Operating Voltage: 500 VRMS Max., +125°C. (+257°F.) Max.



LIST 13.05

MODEL

4054

POMONA

MISCELLANEOUS ADAPTERS

INSULATED MINIGATOR CLIP TO BANANA JACK

MATERIAL: Minigator clip, steel. Banana jack, brass. Accepts standard banana plug.
FINISH: Minigator clip, cadmium plated. Banana jack, tin plated.
INSULATION: Vinyl.
RATING: +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

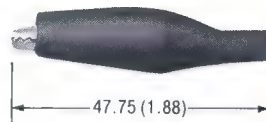


MODEL
3448* (unassembled)
 1 clip and 1 insulator per pkg.

LIST 2.00

INSULATED MINIGATOR CLIP TO PIN JACK

MATERIAL: Minigator clip, steel. Pin jack body, brass. Spring, beryllium copper. Accepts 2.03 (.080) dia. pin.
FINISH: Minigator clip, cadmium plated. Pin jack, gold plated.
INSULATION: Vinyl.
RATING: +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.



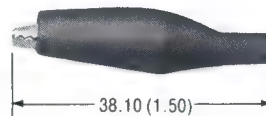
MODEL
3491* (unassembled)
 1 clip and 1 insulator per pkg.

LIST 2.65

INSULATED MINIGATOR CLIP WITH 6-32 THREAD

This minigator can be used with oscilloscopes and leads equipped with 6-32 screw on tip.

MATERIAL: Minigator clip, steel. Bushing, brass. Accepts 6-32 screw.
FINISH: Cadmium plated.
INSULATION: Vinyl.
RATING: +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.



MODEL
3457* (unassembled)
 1 clip and 1 insulator per pkg.

LIST 2.80

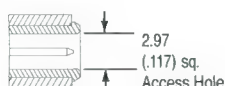
INSULATED MINIGATOR CLIP TO 0.64 (.025) SQUARE PIN

1ST END: Minigator clip, steel, cadmium plated.
INSULATION: Vinyl.
2ND END: 0.64 (.025) Square Pin, phosphor bronze, gold plated.
RATING: 1000 WVDC, 3 Amps, +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.



MODEL
5363*

LIST 2.85



INSULATED MINIGATOR CLIP TO MINIATURE BANANA JACK

MATERIAL: Miniigator clip, steel. Accepts miniature banana plug.
FINISH: Cadmium plated.
INSULATION: Vinyl.
RATING: +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

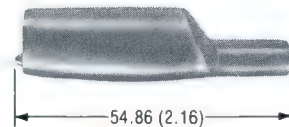


MODEL
3217* (unassembled)
 10 clips and 10 insulators per pkg.

LIST .70 EA.
 (Pkg Ten Per Color)

INSULATED ALLIGATOR CLIP TO BANANA JACK

MATERIAL: Alligator clip, steel. Accepts standard banana plug.
FINISH: Nickel plated.
INSULATION: Vinyl.
RATING: +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

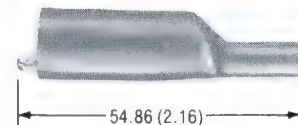


MODEL
2240* (unassembled)
 10 clips and 10 insulators per pkg.

LIST .55 EA.
 (Pkg Ten Per Color)

GOLD PLATED INSULATED ALLIGATOR CLIP TO BANANA JACK

MATERIAL: Alligator clip, copper. Accepts standard banana plug.
FINISH: Gold plated.
INSULATION: Vinyl.
RATING: +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

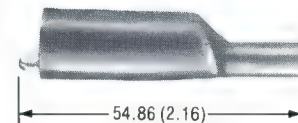


MODEL
3289* (unassembled)
 1 clip and 1 insulator per pkg.

LIST 2.10

INSULATED ALLIGATOR CLIP TO PIN JACK

MATERIAL: Alligator clip, steel. Pin jack body, brass. Spring, beryllium copper. Accepts 2.03 (.080) dia. pin.
FINISH: Alligator clip, nickel plated. Pin jack, gold plated.
INSULATION: Vinyl.
RATING: +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

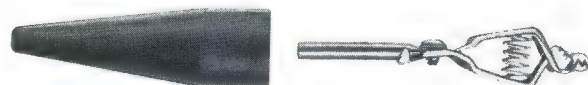


MODEL
1437* (unassembled)
 10 clips and 10 insulators per pkg.

LIST 1.50 EA.
 (Pkg Ten Per Color)

LARGE TEST CLIP TO BANANA JACK

This large test clip accepts a standard banana plug.
MATERIAL: Clip, steel. Banana jack, brass.
FINISH: Clip, cadmium plated. Banana jack, nickel plated.
INSULATION: Vinyl, black.



MODEL
5059 (unassembled)

LIST 2.70

POMONA

COAXIAL ADAPTERS

ADAPTERS WITHIN SERIES

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. Gold plated.

RATING: 500 VRMS Max. (Except as noted.), -65°C. (-85°F.) to +165°C. (+329°F.)

IMPEDANCE: 50 Ohms.

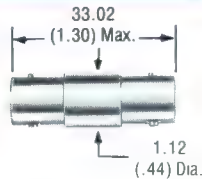


FIG. 1

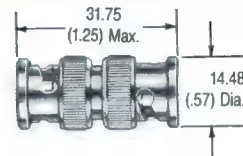


FIG. 2

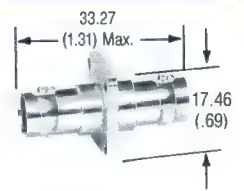


FIG. 3
See Cutout 1

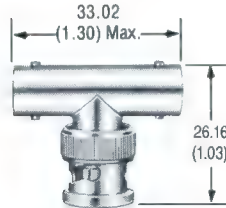


FIG. 4

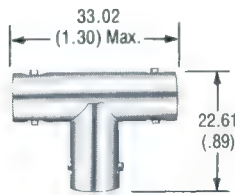


FIG. 5

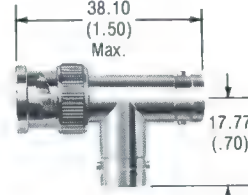


FIG. 6

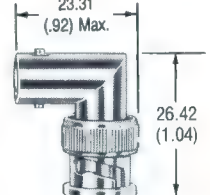


FIG. 7

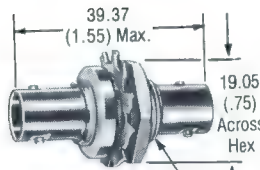


FIG. 8
See Cutout 2

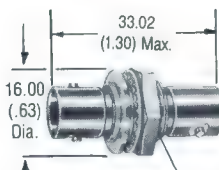


FIG. 9
See Cutout 2

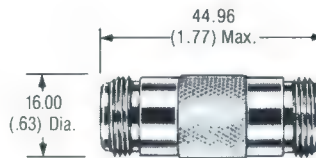


FIG. 10

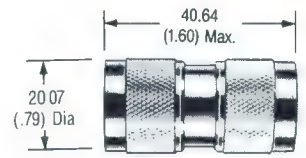


FIG. 11

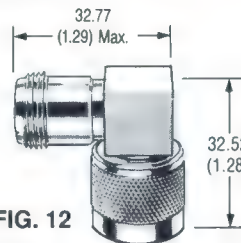


FIG. 12

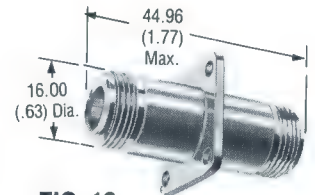


FIG. 13
See Cutout 3

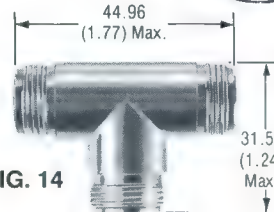


FIG. 14

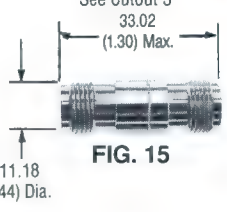
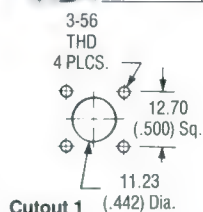


FIG. 15

- a) Mounting hardware is isolated from outerconductor of BNC.
b) Leakage rate less than 10^{-7} cc/sec of tracer gas at one atmosphere.

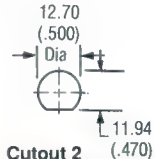
	FIG.	MODEL	Special Features	LIST
BNC (f/f)	1	3283		4.15
BNC (m/m)	2	3533		7.80
BNC (f/f)	3	4895		10.25
BNC (f/m/f)	4	3285		10.95
BNC (f/f/f)	5	3284		12.10
BNC (m/f/f)	6	4896		16.90
BNC (f/m)	7	3534		9.50
BNC (f/f)	8	3847	Hermetically Sealed b)	10.95
BNC (f/f)	9	3846	Isolated Ground a)	13.40
"N" (f/f)	10	3841		9.20
"N" (m/m)	11	3842		10.30
"N" (f/m)	12	3843	Operating Voltage 1000 VRMS Max.	16.00
"N" (f/f)	13	4956		18.40
"N" (f/f/f)	14	5089		18.35
TNC (f/f)	15	4940		7.95

Flange Thickness
2.29 (.09)

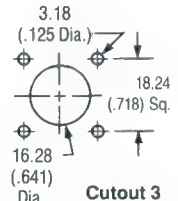


Cutout 1

PANEL CUTOUTS



Cutout 2



Cutout 3

BNC WITHIN SERIES ADAPTER KIT

Kit contains one each:

- 3283 BNC Female to Female
3284 BNC T (Female/Female/Female)
3285 BNC T (Female/Male/Female)
3533 BNC Male to Male
3534 BNC Right Angle Male to Female
4896 BNC T (Male/Female/Female)

MODEL
5511



LIST 55.00

POMONA

COAXIAL ADAPTERS

ADAPTERS BETWEEN SERIES

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon. (Models 3286 & 3287, rexolite.)

CENTER CONTACT: Male, brass. Female, beryllium copper. (Except as noted.) Gold plated.

RATING: 500 VRMS Max., -65°C. (-85°F.) to +165°C. (+329°F.) (Except as noted.)

IMPEDANCE: 50 Ohms. (Except as noted.)

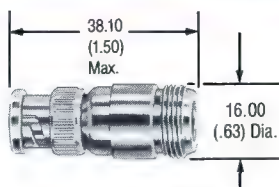


FIG. 1

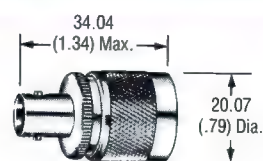


FIG. 2

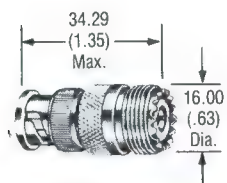


FIG. 3

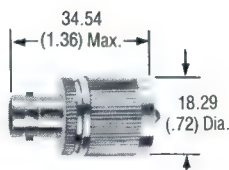


FIG. 4

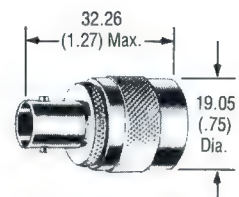


FIG. 5

Type	FIG.	MODEL	Special Features	Temp. Range	LIST
BNC (m) / N (m)	1	3535			10.75
BNC (f) / N (m)	2	3288	Beryllium Copper Male Contact		7.50
BNC (m) / UHF (f)	3	3287	Phos. Bronze Contact Nonconstant Impedance	-55°C. (-67°F.) to +85°C. (+185°F.)	10.85
BNC (m) / UHF (m)	4	3286	Nonconstant Impedance	-55°C. (-67°F.) to +85°C. (+185°F.)	7.15
BNC (m) / C (f)	5	3845	Beryllium Copper Male Contact		14.85
BNC (m) / TNC (f)	6	5086			10.25
BNC (f) / TNC (m)	7	3844			11.45

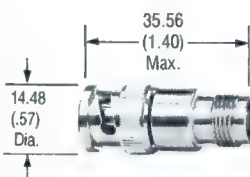


FIG. 6

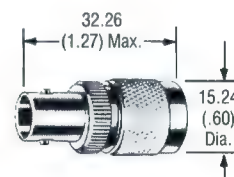
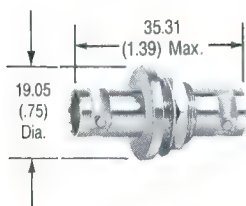
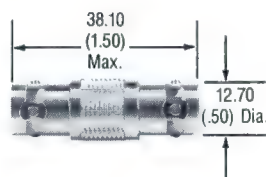


FIG. 7

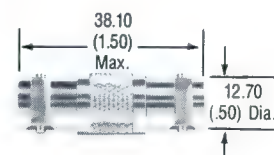
TRIAxIAL ADAPTERS WITHIN SERIES, FEMALE



MODEL 5178
See Cutout

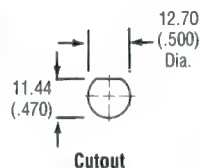


MODEL 5278



MODEL 5290

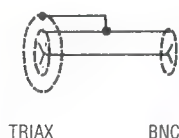
MODEL	Special Features	LIST
5178	2 Lug	16.05
5278	3 Lug	14.35
5290	2 Lug	15.10



Cutout

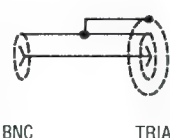
Max. Panel
Thickness
6.35 (.25)

TRIAxIAL TO BNC ADAPTERS



TRIAx

BNC



BNC

TRIAx

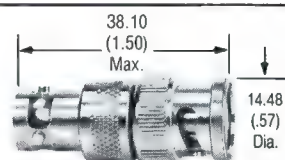


FIG. 8

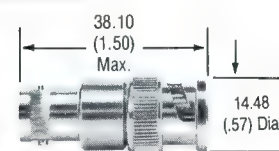


FIG. 9

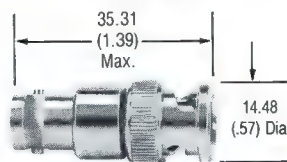


FIG. 10

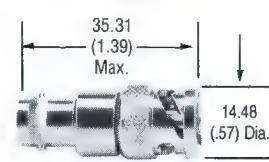


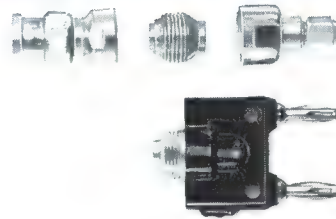
FIG. 11

TYPE	FIG.	MODEL	LIST
3 Lug Triax (f) / BNC (m)	1	5299	19.10
2 Lug Triax (f) / BNC (m)	2	5298	17.90
BNC (f) / 2 Lug Triax (m)	3	5090	17.00
BNC (f) / 3 Lug Triax (m)	4	5300	17.50

POMONA

UNIVERSAL ADAPTER KITS

Model 5698 and 5748 Adapter Kits allow users to make their own adapter combinations, such as SMA to BNC or BNC to double banana plugs. Adapter ends are joined with coupling nuts. Simply choose your own combination. All connectors feature gold plated center contacts and silver plated bodies.



Rating:

Operating Temperature

Coaxial connectors:

-67°F. to +302°F. (-55°C. to +150°C.)

Banana Plug/Binding Post adapters:

+122°F. (+50°C.) Max.

Nominal Impedance:

BNC, SMA, TNC, "N", Mini-UHF, sampler:

50 Ohms.

"F": 75 Ohms.

RCA, UHF: Non-constant.

Operating Voltage

"N", couplers: 1,000 VRMS Max.

BNC, TNC, UHF, "F", Banana Plugs,

Blinding Posts: 500 VRMS Max.

SMA connectors: 335 VRMS Max.

"F", RCA: 100 VRMS.

Mini UHF: 1 GHz

Materials and Finish:

BNC, SMA, TNC, "F", "N", UHF, Mini UHF, coupler

Center Contact: Gold plated phosphor bronze

Dielectric: Teflon

Shell: Silver plated brass.

Double Banana Plug

Banana Plug: Nickel plated beryllium copper spring.

Coupler: Gold plated brass contact.

Insulation: ABS, black.

Double Binding Post Adapter

Blinding Post: Nickel plated brass. Polycarbonate insulation, one black and one red.

Insulation: ABS, black.

Coupler: Gold plated brass center contact.

UNIVERSAL ADAPTER KIT

The Universal Adapter Kit, Model 5698 contains 2 pcs. each: BNC Male, BNC Female, TNC Male, TNC Female, SMA Male, SMA Female, "N" Male, "N" Female, four intermediate Couplers, one Double Banana Plug and one Double Banana Jack.



MODEL	LIST
5698	99.00

MAXI UNIVERSAL ADAPTER KIT

The Maxi Adapter Kit, Model 5748 contains 2 pcs. each: BNC Male, BNC Female, TNC Male, TNC Female, SMA Male, SMA Female, "N" Male, "N" Female, UHF Male, UHF Female, Mini UHF Male, Mini UHF Female, "F" Male, "F" Female, RCA Male, RCA Female, six intermediate Couplers, one Double Banana Plug, one Double Banana Jack and one Sampler.



MODEL	LIST
5748	199.00



ADAPTER KIT ACCESSORIES

Individual adapters for the Universal Adapter Kits are also available.

Coupling nut Adapter to	Model No.	Used in Kit No.		LIST	Coupling nut Adapter to	Model No.	Used in Kit No.		LIST
		5698	5748				5698	5748	
BNC (m)	5735	2	2	4.20	Mini UHF (m)	5753		2	3.50
BNC (f)	5739	2	2	3.40	Mini UHF (f)	5757		2	3.30
TNC (m)	5736	2	2	4.20	RCA (m)	5754		2	5.50
TNC (f)	5740	2	2	3.50	RCA (f)	5758		2	5.70
SMA (m)	5737	2	2	3.60	F (m)	5759		2	5.10
SMA (f)	5741	2	2	3.30	F (f)	5755		2	4.80
N (m)	5734	2	2	4.60	Coupler	5742	4	6	3.40
N (f)	5738	2	2	3.70	Dbl Banana Plug	5743	1	1	10.90
UHF (m)	5752	2	2	4.60	Dbl Binding Post	5744	1	1	13.20
UHF (f)	5756	2	2	3.50	Sampler	5760		1	16.00

UNIVERSAL COUPLING NUT CABLE ASSEMBLY

This cable allows the user to make cable assemblies from any of the coaxial adapters in the Universal or Maxi Adapter Kits. Individual connectors can be threaded onto the coupling nut on each end of the cable for additional utility.



MODEL	Length	LIST
5749-36	914.4 (36.0)	11.00
5749-72	1828.8 (72.0)	13.10

1ST END: Threaded Coupling Nut. Gold plated center contact.

CABLE: RG 58C/U O.D. 4.95 (.195) O.D. 2ND END: Same as first end.



POMONA

SMA ADAPTERS

SHELL: SMA, beryllium copper.
All others, brass.
INSULATION: Teflon.
CENTER CONTACT: Male, brass.
Female, beryllium copper.
FINISH: Gold plated.
RATING: 335 VRMS Max., Impedance: 50 Ohms.

These SMA adapters meet the requirements of MIL-A-55339. The 50 Ohm subminiature series RF connectors are especially adaptable to microwave component applications, such as couplers, dividers and mixers.

Thread SMA Male: 1/4-36 UNS-2B, SMA Female: 1/4-36 UNS-2A.

Frequency range: SMA to BNC: 0-4 GHz.
SMA to TNC and SMA to N: 0-11 GHz.
Within Series SMA: 0-12 GHz.

Temperature range: -65°C. (-85°F.) to +165°C. (+329°F.)

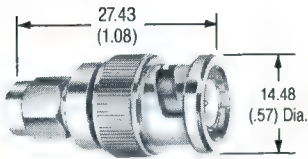


FIG. 1

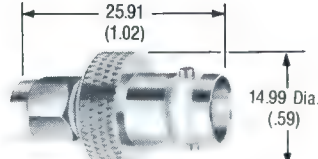


FIG. 2

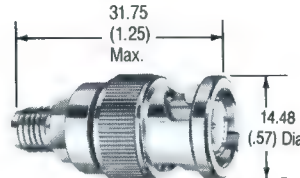


FIG. 3

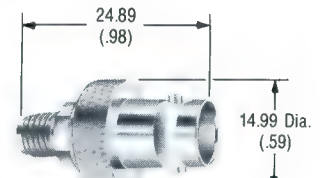


FIG. 4

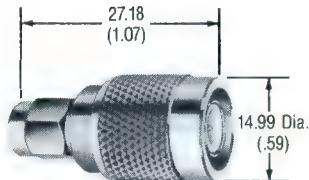


FIG. 5

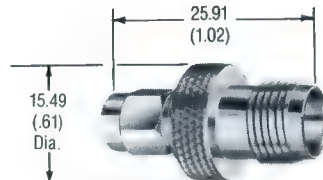


FIG. 6

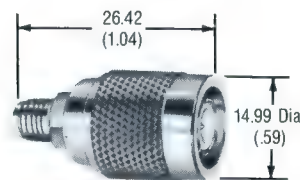


FIG. 7

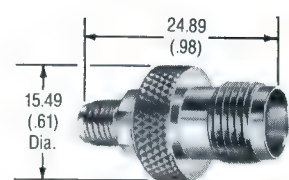


FIG. 8

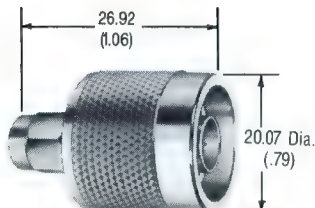


FIG. 9

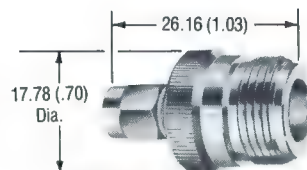


FIG. 10

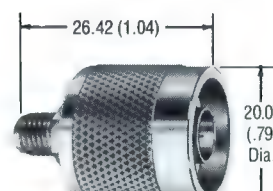


FIG. 11

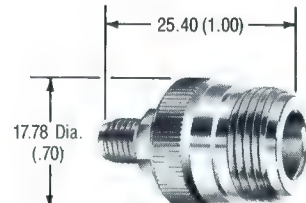


FIG. 12

STYLE	FIG.	MODEL	LIST
SMA (m)/BNC (m)	1	4288	25.85
SMA (m)/BNC (f)	2	4290	20.40
SMA (f)/BNC (m)	3	4289	26.80
SMA (f)/BNC (f)	4	4291	20.70
SMA (m)/TNC (m)	5	4292	35.50
SMA (m)/TNC (f)	6	4294	27.35
SMA (f)/TNC (m)	7	4293	30.95
SMA (f)/TNC (f)	8	4295	27.55
SMA (m)/TNC (m)	9	4296	32.95
SMA (m)/N" (f)	10	4298	27.30
SMA (f)/N" (m)	11	4297	30.80
SMA (f)/N" (f)	12	4299	23.60
SMA (m/m)	13	4283	28.70
SMA (f/f)	14	4285	40.50
SMA (f/m)	15	4282	41.40
SMA (f/f)	16	4284	28.65

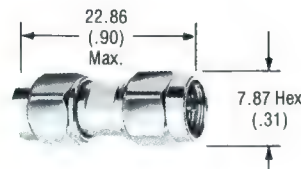


FIG. 13

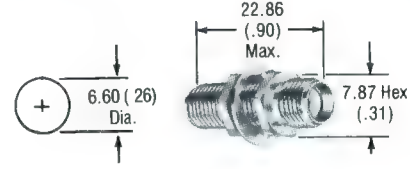


FIG. 14

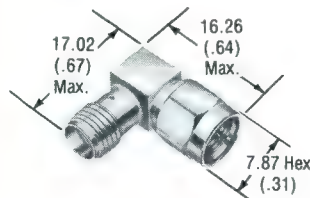


FIG. 15

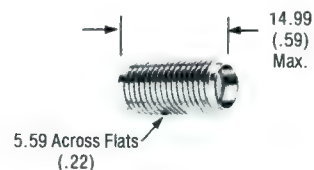


FIG. 16

COAXIAL ACCESSORIES/TERMINATIONS

BNC 50 OHM ATTENUATORS

For use with pulse, microwave, or UHF instruments.

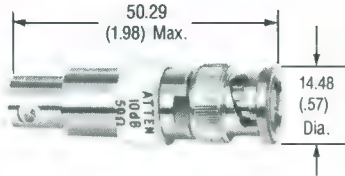
50 Ohm, metal film resistor, deposited nichrome over ceramic core, 2 watt T-Pad network. White nylon anti-roll sleeve.

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. Gold plated.

RATING: Operating Voltage: 10VRMS Max.; 2 Watts @ 25°C.



LIST 49.95

MODEL	Attenuation	VSWR	Attenuation Tolerance
4108-3dB	3dB	1.1 to 1GHz	±0.4 dB to 1GHz
4108-6dB	6dB	1.2 to 2GHz	±0.45dB to 2GHz
4108-10dB	10dB	1.35 to 4GHz	±0.65dB to 4GHz
4108-14dB	14dB	1.45 to 6GHz	±0.75dB to 6GHz
4108-20dB	20dB	1.65 to 8GHz	±1.0 dB to 8GHz

BNC FEED THRU SERIES CAPACITOR

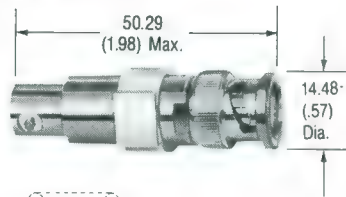
Provides a DC block for sensitive RF measurements.

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. Gold plated.

RATING: 1000 pF; 600 VDC; +102°C. (+216°F.) Max.



LIST 20.95

MODEL
5297

BNC RESISTOR TERMINATED MALE PLUG

Ideal for terminating coaxial lines. 1%, 1/2 Watt, deposited carbon resistor. 88.9 (3.5) bead chain with 3.56 (.14) dia. hole in lug. Resistance value marked on white nylon anti-roll sleeve.

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Brass, gold plated.

RATING: Frequency Range: DC to 500 MHz, Power: 1.2W @ 70°C. Max.



LIST 8.95

MODEL	Resist. in Ohms
3840-50	50
3840-75	75
3840-93	93
3840-100	100
3840-600	600

TYPE "N" RESISTOR TERMINATED MALE PLUG

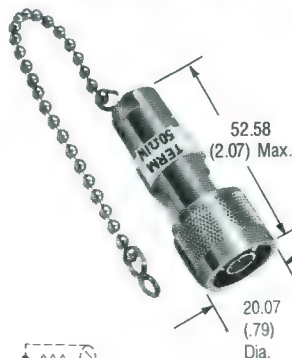
Ideal for terminating coaxial lines. 1%, 1 Watt, deposited carbon resistor. 127 (5.0) bead chain with 3.56 (.14) dia. hole in lug. Resistance value marked on white nylon anti-roll sleeve.

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Brass, gold plated.

RATING: Frequency Range: DC to 500 MHz, Power: 1W @ 70°C. Max.



LIST 18.55

MODEL	Resist. in Ohms
4240-50	50
4240-75	75
4240-600	600

BNC FEED-THRU SERIES RESISTOR

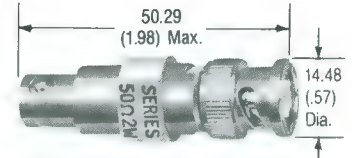
Ideal for adding in series resistance to coaxial lines with BNC connectors. 1%, 2 Watt, non-inductive film resistor. Resistance value marked on white nylon anti-roll sleeve.

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. Gold plated.

RATING: Operating Voltage: 500 VRMS Max.; Frequency Range: DC to 500 MHz; +102°C. (+216°F.) Max.



LIST 22.95

MODEL	Resist. in Ohms
4391-25	25
4391-50	50
4391-75	75
4391-93	93
4391-600	600

BNC FEED-THRU TERMINATION

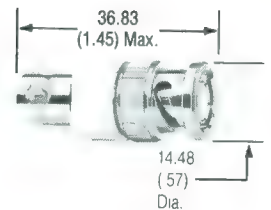
Ideal for terminating pulse, microwave or UHF instruments in their characteristic impedance. Termination carbon film resistor, deposited over ceramic core, 2%, 2W. Resistance value marked on white nylon anti-roll sleeve.

SHELL: Brass, tarnish resistance plated.

INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. Gold plated.

RATING: Frequency Range: DC to 500 MHz; +102°C. (+216°F.) Max.



LIST 39.95

MODEL	Resist. in Ohms
4119-50	50
4119-75	75
4119-93	93
4119-600	600

BNC TERMINATION KIT

Kit contains one each:

3840-50	50 Ohms
3840-75	75 Ohms
3840-93	93 Ohms
3840-100	100 Ohms
3840-600	600 Ohms

MODEL
5512



LIST 41.00

BNC 50 OHM ATTENUATOR KIT

Kit contains one each:

4108-3dB	3dB Attenuation
4108-6dB	6dB Attenuation
4108-10dB	10dB Attenuation
4108-14dB	14dB Attenuation
4108-20dB	20dB Attenuation

MODEL
5513



LIST 225.00

POMONA

PANEL / BULKHEAD RECEPTACLES

BULKHEAD RECEPTACLES

SHELL: Brass, tarnish resistant plated. (SMA, beryllium copper, gold plated.)

INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. (UHF, phosphor bronze.) Gold plated.

RATING: 500 VRMS Max., (Type N, 1000 VRMS Max., SMA, 335 VRMS Max.) -65°C. (-85°F.) to +165°C. (+329°F.)

IMPEDANCE: 50 Ohms (Except as noted.)



FIG. 3
Cutout 1

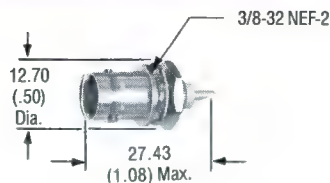


FIG. 1
Cutout 1

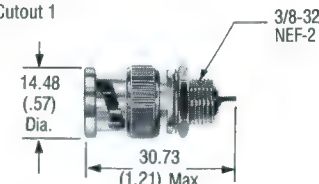


FIG. 4
Cutout 1



FIG. 2
Cutout 2

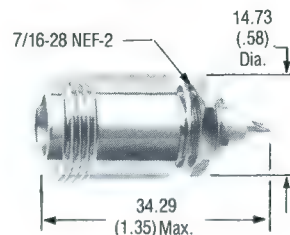


FIG. 5
Cutout 1

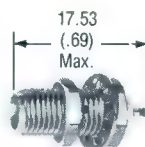
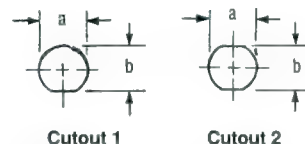


FIG. 6
Cutout 1



PANEL CUTOUTS

- a) Rated to 50 PSI.
- b) Leakage rate less than 10^{-7} cc/sec of tracer gas at one atmosphere.
- c) Standard BNC interface.

	FIG.	MODEL	Special Features	Max. Panel Thickness	a	b	LIST
BNC (f)	1	4160		3.30 (.13)		8.89 (.350)	3.05
BNC (f)	1	5081	75 Ohms c)				8.95
BNC (f)	2	4158	Pressurized a)	6.10 (.24)	9.53 (.375)	8.64 (.340)	8.50
BNC (f)	3	4159	Hermetically Sealed b)	9.40 (.37)		8.89 (.350)	10.30
BNC (m)	4	4979		4.83 (.19)			9.85
"N" (f)	5	4889		6.60 (.26)	11.51 (.453)	10.59 (.417)	14.90
SMA (f)	6	5608	Gold Plated	3.05 (.12)	6.48 (.255)	6.10 (.240)	12.50

ISOLATED GROUND FEMALE BULKHEAD RECEPTACLES

These connectors have the outer conductor isolated from the panel. Excellent for use with equipment requiring a floating ground. Mounts in panels up to 4.57 (.18) thick.

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon. (Except as noted.)

CENTER CONTACT: Beryllium copper, gold plated.

RATING: 500 VRMS Max., -65°C. (-85°F.) to +165°C. (+329°F.)

IMPEDANCE: 50 Ohms (Except as noted.)

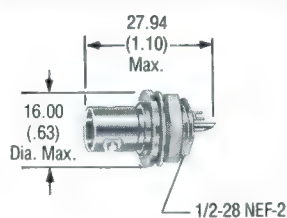


FIG. 1
See Cutout 1

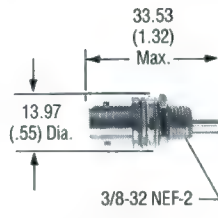


FIG. 2
See Cutout 2

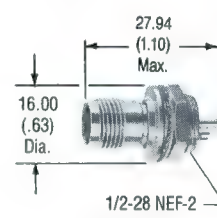
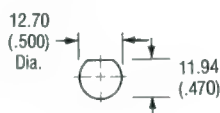


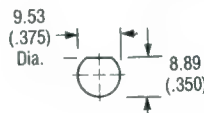
FIG. 3
See Cutout 1

TYPE	FIG.	MODEL	Special Features	LIST
BNC (f)	1	3778		7.85
BNC (f)	1	5348	75 Ohms a) Impedance	9.10
BNC (f)	2	5148	Valox insulation	8.25
TNC (f)	3	5084		7.95

a) Standard BNC interface.

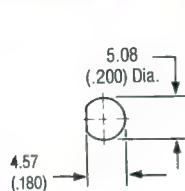


CUTOUT 1

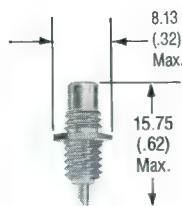


CUTOUT 2

SMC BULKHEAD, MALE (JACK)

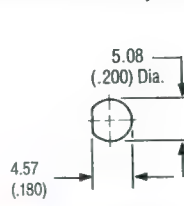


PANEL CUTOUT

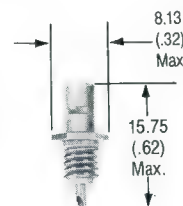


LIST 5.15

SMB BULKHEAD, MALE (JACK)



PANEL CUTOUT



LIST 5.45

MODEL
5374

MODEL
5383

POMONA

PANEL / BULKHEAD RECEPTACLES

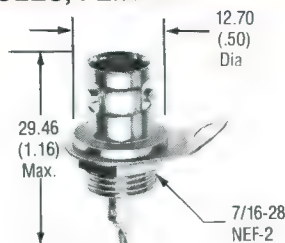
TRIAxIAL BULKHEAD RECEPTACLES, FEMALE

SHELL: Brass, tarnish resistant plated.

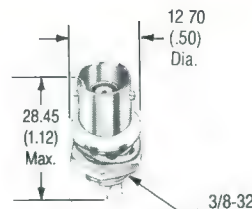
INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. Gold plated per requirements of MIL-C-49142.

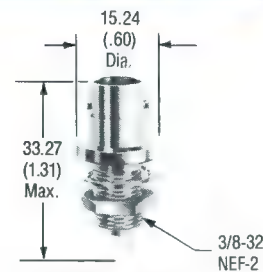
RATING: 500 VRMS, Frequency Range: DC to 500 MHz, -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL 5219
See Cutout 1



MODEL 3580
See Cutout 2

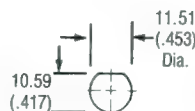


MODEL 4388
See Cutout 2

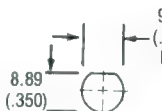
a) Leakage less than 10^{-7} cc/sec tracer gas at one atmosphere.

b) Mounting hardware is isolated from outer conductor.

MODEL	Special Features	LIST
3580	2 Lug	12.85
4388		65.70
5091		17.60
5219	3 Lug	13.20



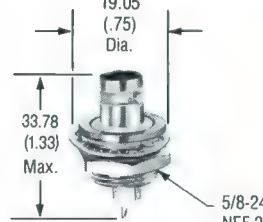
Cutout 1
Max. Panel Thickness 3.56 (.14)



Cutout 2
Max. Panel Thickness 6.35 (.25)



Cutout 3
Max. Panel Thickness 6.35 (.25)



MODEL 5091
See Cutout 3

PANEL RECEPTACLES

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. (UHF, brass.) Gold plated.

RATING: 500 VRMS Max. (Except as noted)

-65°C. (-85°F.) to +165°C. (+329°F.)

IMPEDANCE: 50 Ohms.

Flange Thickness 2.29 (.09)

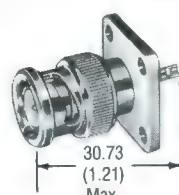


FIG. 1

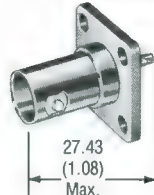


FIG. 2

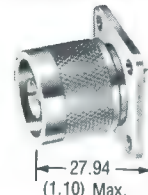


FIG. 3



FIG. 4

TYPE	FIG.	MODEL	Special Features	Panel Cutout	LIST
BNC (m)	1	2447	Operating Voltage 1000 VRMS Max.	1	8.05
BNC (f)	2	2451		1	4.00
"N" (m)	3	2454		2	19.50
"N" (f)	4	2455		2	7.20



Cutout 1



Cutout 2

SMA PANEL RECEPTACLES

SHELL: Models 4809 & 4808, Passivated Steel.

Models 4850 & 4849, Stainless Steel, gold plated.

INSULATION: Teflon.

CENTER CONTACT: Beryllium copper, gold plated.

RATING: 335 VRMS Max., Impedance: 50 Ohms, -65°C. (-85°F.) to +165°C. (+329°F.)

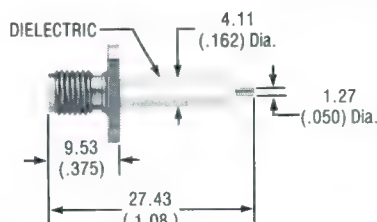


FIG. 1

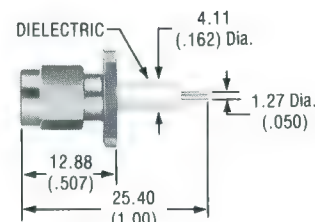
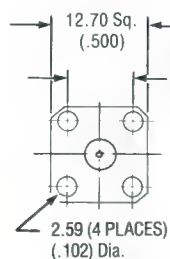


FIG. 2



PANEL CUTOUT
Flange thickness 1.65 (.065)

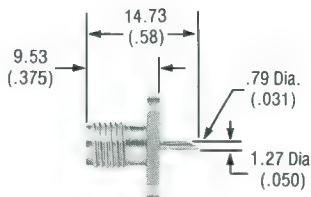


FIG. 3

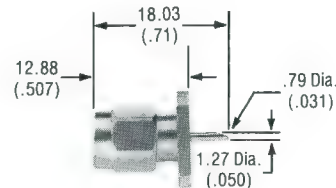


FIG. 4

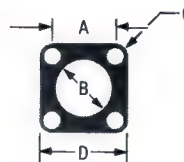
TYPE	FIG.	MODEL	LIST
SMA (f)	1	4809	11.15
SMA (m)	2	4808	19.80
SMA (f)	3	4850	17.00
SMA (m)	4	4849	38.00

POMONA

COAXIAL ACCESSORIES

RFI/EMC CONNECTOR FLANGE GASKET

This RFI/EMC connector flange gasket has an adhesive back for simple installation. Monel metal fibers imbedded in this silicone rubber gasket suppresses RFI/EMC radiation. Model 4780 fits standard BN/BNC flanges and Model 4795 fits standard type "N" and UHF flanges.



MODEL	A(Sq.)	B Dia.	C Dia.	D(Sq.)	LIST
4780	12.70(.50)	11.10(.437)	2.77(.109)	17.53(.69)	5.40
4795	18.30(.72)	15.88(.625)	4.37(.172)	25.40(1.00)	4.00

COAXIAL PC MOUNTS

BNC RIGHT ANGLE FEMALE PC MOUNT

Permits the installation of a right angle BNC female directly to a 1/16" thick printed circuit board.

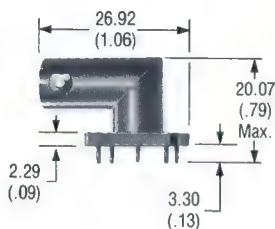
SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Beryllium copper, gold plated.

PC PINS: Brass, silver plated.

RATING: Operating Voltage: 500 VRMS Max.; Impedance: 50 Ohms; -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL
4788

LIST 13.85

BNC FEMALE PC MOUNT

Permits BNC male to be used with 1/8" thick printed circuit boards.

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Beryllium copper, gold plated.

PC PINS: Brass, silver plated.

RATING: Operating Voltage: 500 VRMS Max.; Impedance: 50 Ohms; -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL
4578

LIST 8.75

SMA RIGHT ANGLE FEMALE PC MOUNT

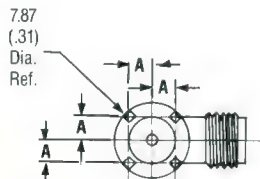
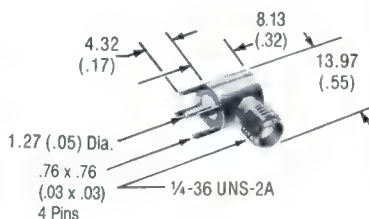
Permits the installation of a right angle SMA female directly to a 1/8" printed circuit board.

SHELL: Beryllium copper, gold plated per requirements of MIL-C-39012.

INSULATION: Teflon.

CENTER CONTACT: Beryllium copper, gold plated.

RATING: Operating Voltage: 335 VRMS Max.; Impedance: 50 Ohms; -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL
4991

LIST 34.45

SMA FEMALE PC MOUNT

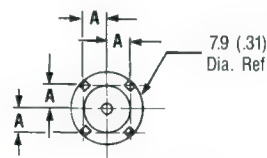
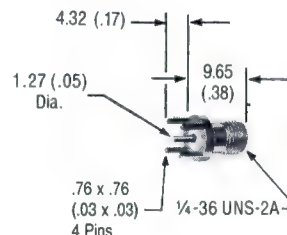
Permits the SMA male to be used with 1/8" thick printed circuit boards.

SHELL: Beryllium copper, gold plated per requirements of MIL-C-39012.

INSULATION: Teflon.

CENTER CONTACT: Beryllium copper, gold plated.

RATING: Operating Voltage: 335 VRMS Max.; Impedance: 50 Ohms; -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL
4959

LIST 32.30

SMB RIGHT ANGLE MALE (JACK) PC MOUNT

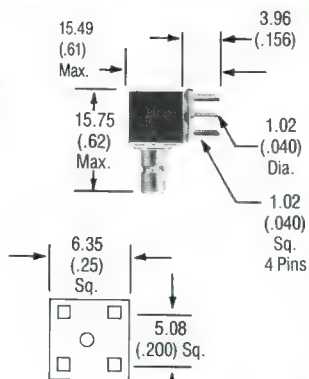
The SMB connectors feature a "snap-on" design for ease in making tight RF connections. Permits SMB male to be used with 1/8" printed circuit board.

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Brass, gold plated.

RATING: Operating Voltage: 335 VRMS Max.; Impedance: 50 Ohms; -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL
5384

LIST 11.45

SMB RIGHT ANGLE BULKHEAD JACK PC MOUNT

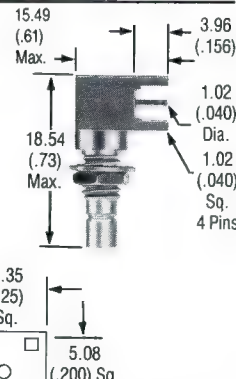
The SMB "snap-on" also features a bulkhead fitting for attachment to black boxes and PC boards. Permits SMB male to be used with 1/8" printed circuit board.

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Brass, gold plated.

RATING: Operating Voltage: 335 VRMS Max.; Impedance: 50 Ohms; -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL
5365

LIST 11.25

POMONA

COAXIAL ACCESSORIES

DUST CAPS FOR COAXIAL CONNECTORS

SHELL: Brass, tarnish resistant plated.

MODEL	Type	LIST
3839	BNC	2.45
4157		3.35
4890	UHF or N	5.70



MODEL 3839



MODEL 4157



MODEL 4890

BNC SHORTING PLUG

Use this BNC shorting plug to protect sensitive instrument inputs or to provide a necessary reference short.

SHELL: Brass, tarnish resistant plated.

CENTER CONTACT: Brass, gold plated.

RATING: Operating Voltage: 500 VRMS Max.



MODEL
5085

LIST 6.35

SMA SHORTING PLUG

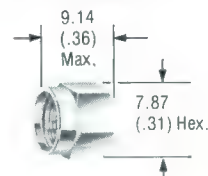
Use this SMA shorting plug to protect sensitive instrument inputs or to provide a necessary reference short.

SHELL: Steel, gold plated.

INSULATION: Teflon.

CENTER CONTACT: Steel, gold plated.

RATING: Operating Voltage: 335 VRMS Max., Impedance: 50 Ohms.



MODEL
5088

LIST 17.25

STRESS RELIEF BOOTS

Pomona Electronics offers stress relief boots, molded in PVC to protect cables from wear, fatigue and weathering. Ten colors provide a convenient key for cable identification. These unique boots are available in three styles.

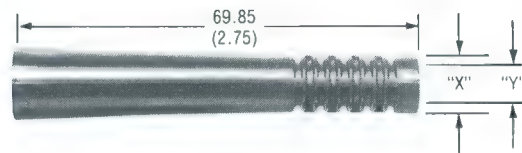
STRESS RELIEF BOOT

For use with crimp-on type connectors.

MATERIAL: PVC.

RATING: +50°C. (+122°F.) Max.

*STD COLORS: -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL	Fits Cable Types	Cable O.D.	"X" Dim.	"Y" Dia.	LIST
5076-*	RG 58, 141	4.70 (.185)-5.08 (.200)	9.91 (.39)	5.33 (.21)	.50 EA
5077-*	RG 59, 62, 210	6.02 (.237)-6.27 (.247)	9.91 (.39)	6.60 (.26)	.50 EA
5078-*	RG 174, 187, 188	2.29 (.090)-2.79 (.110)	6.60 (.26)	3.05 (.12)	.50 EA

(Pkg. Ten Per Color)

STRESS RELIEF BOOT WITH CLAMP NUT

For use with connectors using a 7/16-28 clamp nut. Simply replace the supplied clamp nut with the one on the stress relief boot.

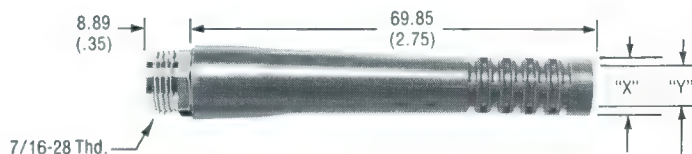
CLAMP NUT: Brass, nickel plated.

BOOT: PVC.

RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

*STD COLORS: -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

**STD COLORS: -0 Black, -2 Red.



MODEL	Fits Cable Types	Cable O.D.	"X" Dim.	"Y" Dia.	LIST
5076-*	RG 58, 141	4.70 (.185)-5.08 (.200)	9.91 (.39)	5.33 (.21)	2.25
5077-*	RG 59, 62, 210	6.02 (.237)-6.27 (.247)	9.91 (.39)	6.60 (.26)	2.25
5078-*	RG 174, 187, 188	2.29 (.090)-2.79 (.110)	6.60 (.26)	3.05 (.12)	2.25

SMA TERMINATIONS

FEMALE TERMINATION

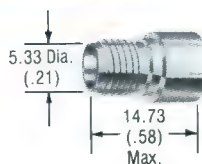
SHELL: Beryllium copper.

INSULATION: Teflon.

CENTER CONTACT: Beryllium copper.

FINISH: Gold plated.

RATING: Operating Voltage: 335 VRMS Max., Impedance: 50 Ohms, VSWR: 1.25 Max to 18 GHz; ½ Watt; Temperature: -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL
4287

LIST 84.95

MALE TERMINATION

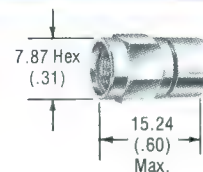
SHELL: Beryllium copper.

INSULATION: Teflon.

CENTER CONTACT: Brass.

FINISH: Gold plated.

RATING: Operating Voltage: 335 VRMS Max., Impedance: 50 Ohms, VSWR: 1.25 Max to 18 GHz; ½ Watt; Temperature: -65°C. (-85°F.) to +165°C. (+329°F.)



MODEL
4286

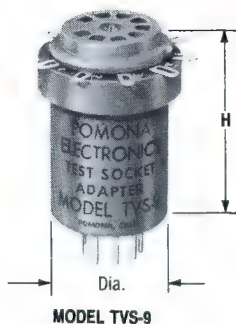
LIST 73.05

POMONA

TUBE TEST SOCKET ADAPTERS

TEST SOCKET TUBE ADAPTERS

Ideal for making measurements of voltage, resistance, audio and video without tracing complicated circuits from the bottom of the chassis. They feature: Extended test tabs for easy use with either alligator or test prods; low loss mica-filled molded phenolic construction per MIL-M-14, MFE. Power factor less than 0.010 at 10 MHz; high insulation resistance, the I.R. exceeds 500,000 megohms at 40% R.H., at 24°C; distributed capacity, inter-element approximately 1 pico farad; high voltage operation, voltage breakdown elements exceeds 1,700 VAC or DC. Model TVS-8 has 2.36 mm (.093) dia. pins. All other models have 1.02 mm (.040) dia. pins.

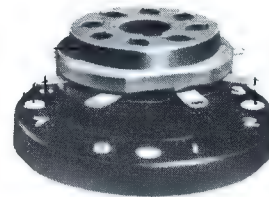


MODEL TVS-9

MODEL	Type	Size H x Dia.	Pin Circle Dia.	LIST
TVS-7	7 Pin Miniature	36.07(1.42) x 19.05(.75)	9.53(.375)	15.70
TVS-8	8 Pin Octal	27.94(1.10) x 29.46(1.16)	17.45(.687)	20.05
TVS-9	9 Pin Miniature	35.56(1.40) x 22.10(.87)	11.89(.468)	18.30

SURFACE MOUNTED BREADBOARD SOCKETS

Surface mounted breadboard sockets are ideal for experimental circuit design, portable and enclosed units, plug-in and packaged assemblies. They feature: An insulated base to prevent connections from shorting to chassis; elimination of double chassis design; circuits may be wired in an enclosed unit; base connections are numbered for easy identification; grade A phosphor bronze spring contacts; standard center to center mounting holes. For ease of installation the 7 and 9 pin miniatures may be mounted either in the center or on the sides, the 8 pin octal is mounted on the sides; small mounting holes permits the reuse of experimental chassis.



MODEL XS-8

MODEL	Pin Circle Dia.	LIST
XS-7	9.53(.375)	4.75
XS-8	17.45(.687)	6.15
XS-9	11.89(.468)	5.45

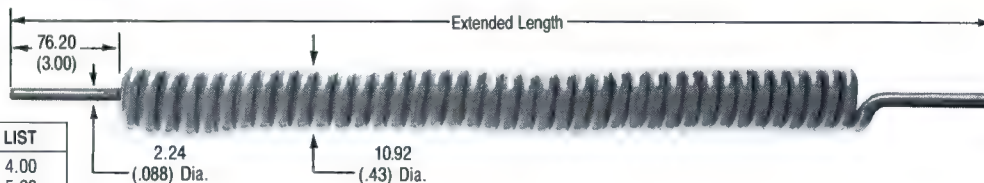
WIRE/PATCH CORD

RETRACTILE (COILED) PATCH CORD 26 AWG

WIRE: Single conductor, 26 AWG, strand, 10 x 36 non-tinned copper, polyurethane insulation, 2.24 (.088) O.D.

RATING: 1000 VDC, 3 Amps; +80°C. (+176°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



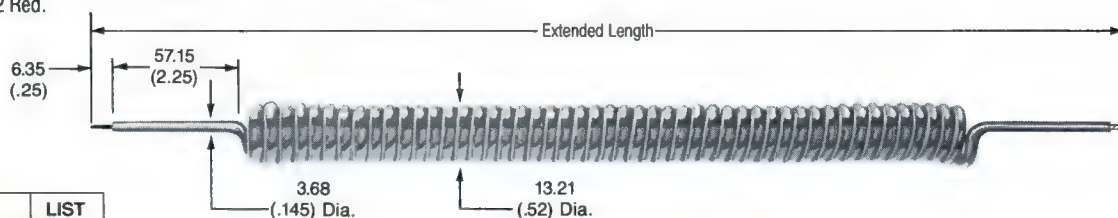
MODEL	Extended Length	LIST
5205-36*	914.4 (36.0)	4.00
5205-48*	1219.2 (48.0)	5.00
5205-60*	1524.0 (60.0)	6.00

RETRACTILE (COILED) PATCH CORD 20 AWG

WIRE: Single conductor, 20 AWG, strand, 42 x 36, PVC insulation, 3.71mm (.146) O.D.

RATING: 3000 VDC Int; 270 VDC-90 VAC cont. duty; 5 Amps; +60°C. (+140°F.) Max.

***STD. COLORS:** -0 Black, -2 Red.



MODEL	Length	LIST
5202-*	1524.0 (60.0)	7.45

This is the same quality wire that Pomona uses on their patch cords throughout the catalog. It is available for purchase in 152.4 meter (500 foot) reels. This wire is ideal for do-it-yourself test leads or point-to-point electrical connections.

18 AWG WIRE

SPECIFICATIONS:

STRANDING: 65 x 36 tinned copper.

O.D.: 3.66 mm (.144).

JACKET: PVC

TEMP. RANGE: -20°C. (-4°F.) to +105°C. (+221°F.)

RATING: 15 Amps Max, 5000 WVDC. Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL
4418-*

LIST 155.00
(Std. Pkg. 500' Reel)

20 AWG WIRE

SPECIFICATIONS:

STRANDING: 41 x 36 tinned copper.

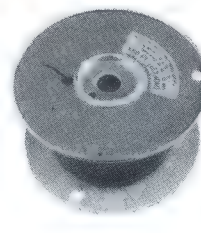
O.D.: 2.21 (.087)

JACKET: PVC

TEMP. RANGE: -20°C. (-4°F.) to +105°C. (+221°F.)

RATING: 5 Amps Max., 3000 WVDC. Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL
4420-*

LIST 125.00
(Std. Pkg. 500' Reel)

POMONA

COAXIAL CONNECTORS

SHELL: Brass, tarnish resistant plated.
INSULATION: Teflon. (UHF, phenolic)
CENTER CONTACT: Male, brass. Female, beryllium copper.
 (UHF, brass) Gold plated.
RATING: 500 VRMS Max. (Except as noted.)
IMPEDANCE: 50 Ohms (Except as noted.)

See pages 57 & 58 for
Cabling instructions.

	CABLE GROUPS RG/U
1	8, 8A, 9, 9A, 9B, 11, 11A, 13A, 213, 214, 216
2	142, 142A, 142B, 223
3	58, 58A, 58C, 141, 141A
4	59, 59A, 59B, 62, 62A, 62B, 62C, 210
5	71, 71A, 71B
6	174, 179A, 179B, 187, 187A, 188, 188A, 316

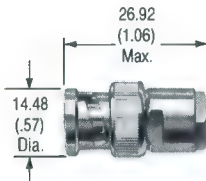


FIG. 1

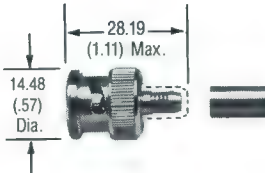


FIG. 2

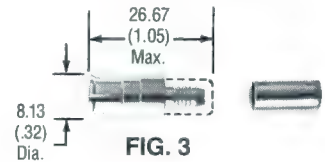


FIG. 3

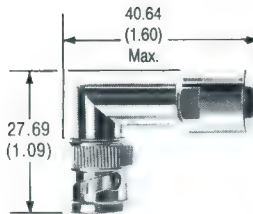


FIG. 4

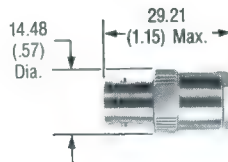


FIG. 5

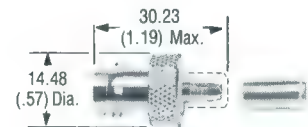


FIG. 6

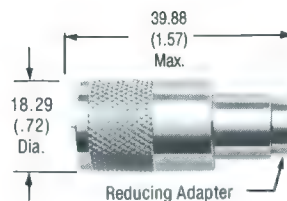


FIG. 7

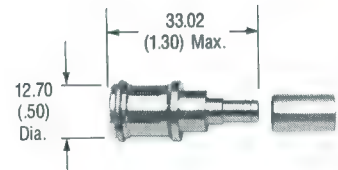


FIG. 8

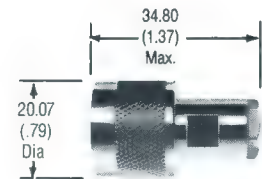


FIG. 9

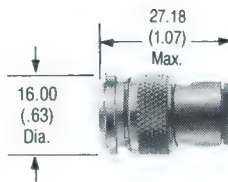


FIG. 10

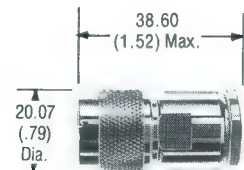


FIG. 11

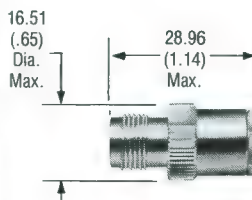


FIG. 12

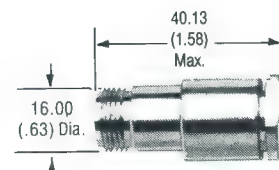


FIG. 13

TYPE	FIG.	Cable Group	MODEL	Special Features	LIST
BNC (m)	1	2, 3	4488	Field Servicable	3.60
		4, 5	4786		4.55
		RG58	4997		6.85
		RG59	4998		7.50
		RG174	4999		12.30
	2	4, 5	5079	75 Ohm (a) Impedance	8.25
		6	5307		8.65
		3	5285		3.40
		4	5286		3.60
		3	5152		4.55
BNC (f)	3	2, 3	4977	Push-on	16.10
		2, 3	4978		4.00
		4, 5	5061		6.35
	6	3	5344		6.30
		4	5345		8.60
		1	4893		6.80
UHF (m)	7	1	4893	Non constant Impedance	6.80
"F" (m)	8	4, 5	5296	75 Ohm (a) Imp. Push-on	3.15
"N" (m)	9	2, 3	4787	1000 VRMS Max. Operating Volt.	6.80
	11	1	4980		7.15
"N" (f)	13	1	4981		6.85
TNC (m)	10	2, 3	4960		8.85
		4, 5	5282		9.75
TNC (f)	12	4, 5	5283		8.60
		2, 3	5284		7.75

(a) Standard BNC interface

POMONA

COAXIAL CONNECTORS

BNC MALE "TWIST ON" CABLE PLUG FOR RG59 & 62 CABLE

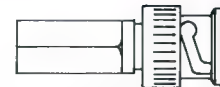
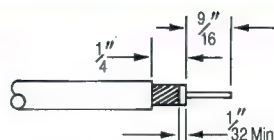
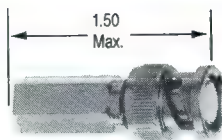
These connectors offer a quick and inexpensive solution for assembly in the field. Simply strip the cable to the center conductor and insert into the connector.

SHELL: Die cast zinc alloy. Nickel plated.

INSULATION: Thermoplastic.

CENTER CONTACT: Beryllium copper, nickel plated.

RATING: Operating Voltage: 500 VRMS Max.; Impedance: 50 Ohms.



Insert center conductor into connector and push as far as possible. Screw connector clockwise onto cable.

MODEL

5439

LIST 5.45

BNC MALE WITH STRESS RELIEF BOOT

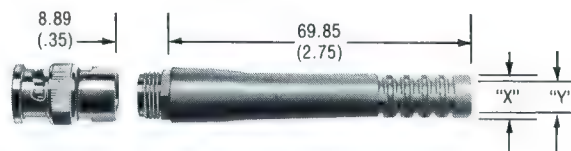
Make your own stress relieved cable. This model attaches to the end of a cable in the same way as an ordinary BNC connector.

BOOT: PVC.

BNC MALE: Body, brass, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



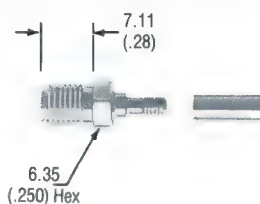
MODEL	Fits Cable Types	Cable O.D.	"X" Dim.	"Y" Dia.	LIST
5066-*	RG 58, 141	4.70 (.185)-5.08 (.200)	9.91 (.39)	5.33 (.21)	5.70
5067-*	RG 59, 62, 210	6.02 (.237)-6.27 (.247)	9.91 (.39)	6.60 (.26)	5.70
5068-*	RG 174, 187, 188	2.29 (.090)-2.79 (.110)	6.60 (.26)	3.05 (.12)	10.30

SMA CABLE PLUGS/JACKS

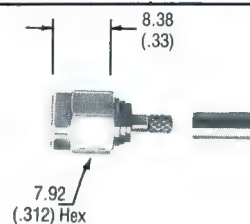
SHELL: Passivated Steel.

INSULATION: Teflon.

MODEL	Fits Cables RG	LIST
4804	174, 179, 187, 188, 316	13.80
4805		17.50
4859	55, 142, 223	13.70
4860		17.60



MODELS 4805 & 4860
SMA (f)



MODELS 4804 & 4859
SMA (m)

Note: Cabling instructions furnished on request.

SMC CONNECTORS

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. Gold plated.

RATING: Operating Voltage: 335 VRMS Max.; Impedance: 50 Ohms.

FREQUENCY RANGE: 0-4 GHz.

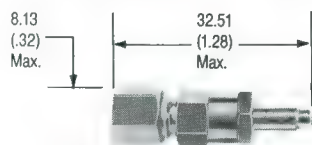
TEMPERATURE RANGE: -65°C. (-85°F.) to +165°C. (+329°F.)

THREAD: 10-32 UNF.

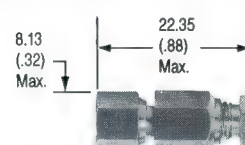
	CABLE GROUPS—RG/U
1	174, 179, 187, 188, 316
2	58, 142, 223

SMC CABLE PLUG/JACK

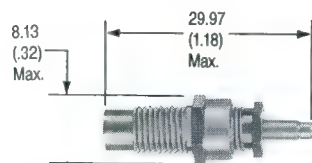
The SMC (Subminiature 'C') connectors feature a "screw-on" shell.



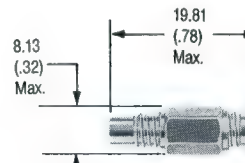
MODELS 5366 & 5368
CABLE PLUG (Female)
CRIMP TYPE



MODELS 5367 & 5369
CABLE PLUG (Female)
CLAMP TYPE



MODELS 5370 & 5372
CABLE JACK (Male)
CRIMP TYPE



MODELS 5371 & 5373
CABLE JACK (Male)
CLAMP TYPE

MODEL	Cable Group	LIST
5366	1	9.10
5367		12.60
5368	2	9.15
5369		12.60
5370	1	10.05
5371		10.10
5372	2	10.05
5373		10.05

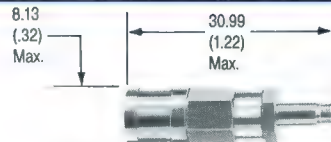
POMONA

SMB CONNECTORS

SMB CABLE PLUGS/JACK

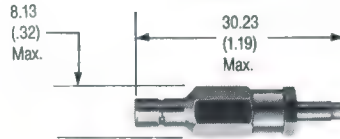
The SMB (Subminiature 'B') connectors snap together for quick assembly.

MODEL	Cable Group	LIST
5375	1	11.50
5376		12.90
5377	2	11.40
5378		12.95
5379	1	9.15
5380		10.00
5381	2	9.15
5382		10.05



MODELS 5375 & 5377

CABLE PLUG (Female)
CRIMP TYPE



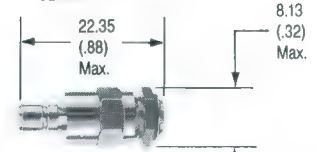
MODELS 5379 & 5381

CABLE JACK (Male)
CRIMP TYPE



MODELS 5376 & 5378

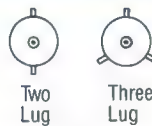
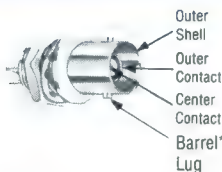
CABLE PLUG (Female)
CLAMP TYPE



MODELS 5380 & 5382

CABLE JACK (Male)
CLAMP TYPE

TRIAXIAL CONNECTORS



*Two lug model is shown. On units having three lugs, the spacing is 120°.

Triaxial connectors accommodate the need for low level signal patching and balanced line applications. Designed for use with double shielded single conductor or shielded twisted pair cable. These connectors feature a concentric design with center contact, outer contact and outer shell (see photo). This concentric design does not require matching of halves such as the polarized stepped insulator connectors.

CABLE PLUGS/JACKS

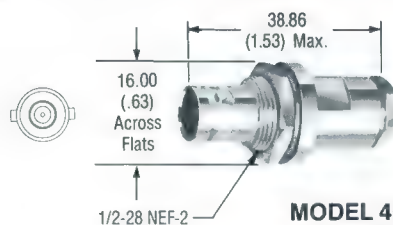
SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. Gold plated per requirements of MIL-C-49142.

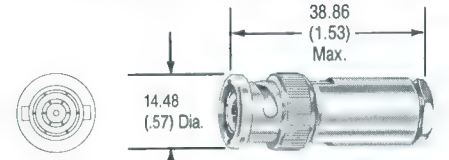
RATING: Operating Voltage: 500 VRMS Max., Frequency range: DC to 500 MHz, -65°C. (-85°F.) to +165°C. (+329°F.)

See page 59 for Cabling Instructions.



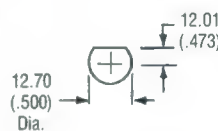
MODEL 4661

TRIAX (f)

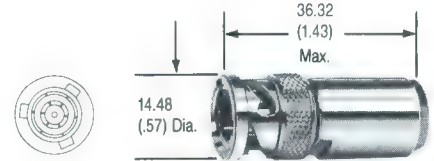


MODELS 3600 & 5056

TRIAX (m)



Max. Panel Thickness
3.05 (.12)
Panel Cutout
for Model 4661



MODEL 5218

TRIAX (m)

MODEL	Special Features	Fits Cable Type†	LIST
3600	2 Lug	Belden 9272 6.15 (.242) O.D.	14.75
4661		Microdot 293-3930 4.45 (.175) O.D.	35.50
5056	50 Ohms	Belden 9222 6.15 (.242) O.D.	17.55
5218			19.00

TWINAXIAL CONNECTORS

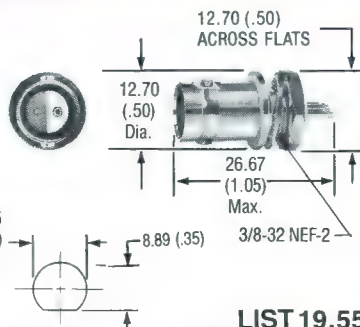
TWINAX BULKHEAD RECEPTACLE

SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. Gold plated per requirements of MIL-C-3655.

RATING: Panel Thickness: 3.30 mm (.13). Operating Voltage: 500 VRMS Max., -65°C. (-85°F.) to +165°C. (+329°F.)



LIST 19.55

TWINAX MALE CABLE PLUG

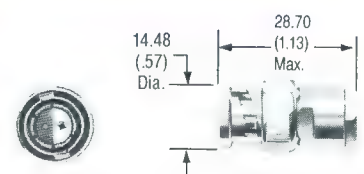
SHELL: Brass, tarnish resistant plated.

INSULATION: Teflon.

CENTER CONTACT: Male, brass. Female, beryllium copper. Gold plated per requirements of MIL-C-3655.

RATING: Operating Voltage: 500 VRMS Max., -65°C. (-85°F.) to +165°C. (+329°F.)

CABLE TYPES: RG 108 and Belden 9272.



MODEL 4957

See page 59 for Cabling Instructions.

LIST 31.05

POMONA

AUDIO CONNECTORS GENERAL INFORMATION

ITT Pomona audio connectors are rugged, quick disconnect devices designed for use in audio systems and other applications where reliability and quiet operation are the password. These connectors have a solid, metal latching mechanism to assure positive, yet quick connect/disconnect. Some of the salient features are as follows:

EP SERIES

- Body, satin finish, nickel plated zinc or aluminum shell.
- Polyamide insulator.
- Contacts, tin plated machined copper alloy.
- Flexible PVC cable bushing.

XLR TYPE

- Body, satin finish, nickel plated zinc or aluminum shell.
- Resilient socket insulator for excellent low noise/vibration performance.
- Contacts, tin plated, precision stamped copper alloy.
- Nickel plated steel barrel.
- Contact 1 engages before signal contacts.
- Cable clamp accommodates cable sizes 3mm to 8mm dia.

CONTACT ARRANGEMENT AND GENERAL PERFORMANCE



Number of Contacts	3	4	5	4	6	8
Current Rating	15 A	10 A	7.5 A	20A	20A	15A
Test Voltage	1400 VDC	1400 VDC	1400 VDC	3000 VDC	1600 VDC	1300 VDC
Operating Voltage	133 VRMS	133 VRMS	133 VRMS	660 VRMS	200 VRMS	100 VRMS
Temperature Range	-20°C. to +70°C. (-4°F. to +158°F.)	-20°C. to +70°C. (-4°F. to +158°F.)	-20°C. to +70°C. (-4°F. to +158°F.)	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)	-20°C to +70°C (-4°F to +158°F)

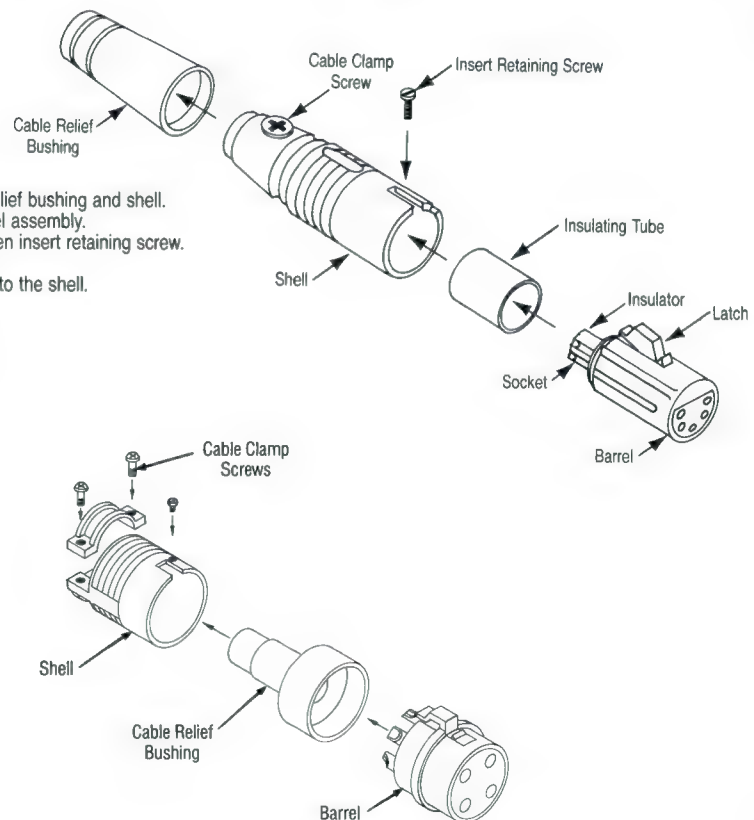
ASSEMBLY

No. of Contacts	A Dimension (strip length)
3	6.40 (.250)
4	5.60 (.220)
5	5.10 (.200)

Strip Wire

1. Insert cable through cable relief bushing and shell.
2. Solder leads to socket/barrel assembly.
3. Slide shell forward and tighten insert retaining screw.
4. Tighten cable clamp screw.
5. Push cable relief bushing onto the shell.

Note: For cable size between 5.7mm and 8.0mm, cut cable relief bushing at groove.



1. Insert cable through shell and cable relief bushing.
2. Solder cable to insert assembly.
3. Slide shell forward and tighten insert screw.
4. Tighten cable clamp screws.

Additional products for the audio market:

Double Banana Plug, Model **MDP**

Single Nickel and Gold Plated Banana Plugs,
Models **1325**, **5169** and **5406**

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Page 20

Hex Head Binding Post, Model **5018**

Standard Nickel and Gold Plated Binding Posts,
Models **3760** and **3750**

Page 30

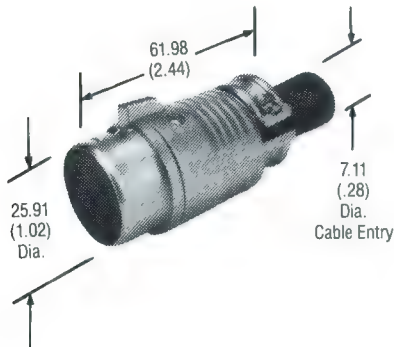
Page 30

POMONA

AUDIO CONNECTORS—EP SERIES

STRAIGHT CORD PLUG — FEMALE

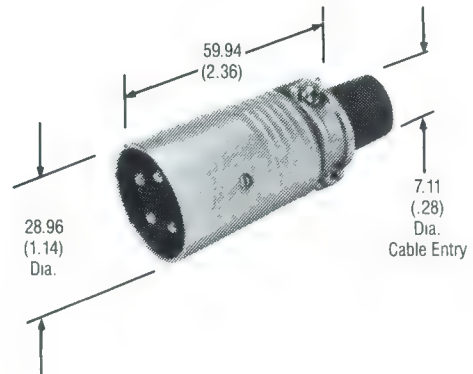
This cord plug accepts all male receptacles with the same pin count as well as the male cord plug. Standard mating configuration will accommodate competitive units.



MODEL	Sockets	LIST
5557	4	23.90
5558	6	27.70
5559	8	31.70

STRAIGHT CORD PLUG — MALE

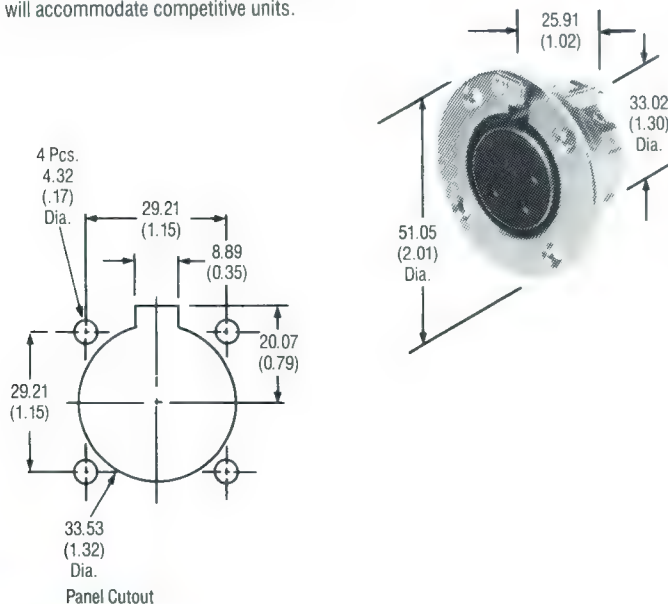
This cord plug accepts all female receptacles with the same pin count as well as the female cord plug. Standard mating configuration will accommodate competitive units.



MODEL	Pins	LIST
5560	4	15.00
5561	6	16.85
5562	8	18.75

WALL/FLOOR MOUNT RECEPTACLE—FEMALE

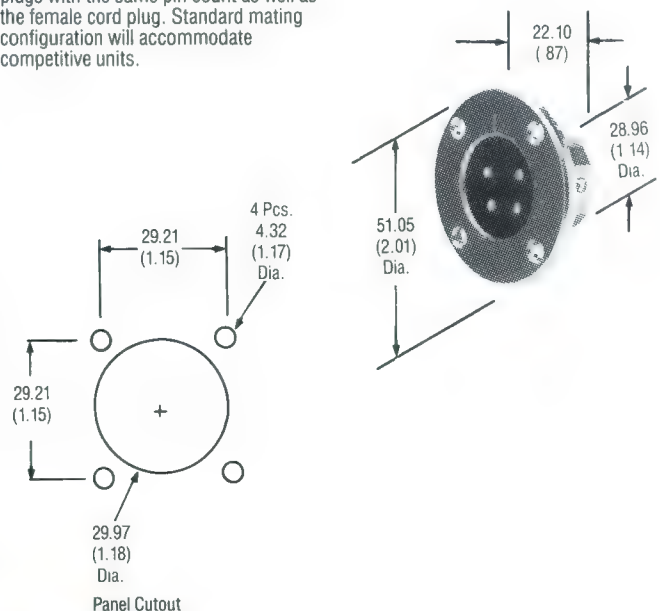
This receptacle accepts all male cord plugs with the same pin count as well as the male cord plug. Standard mating configuration will accommodate competitive units.



MODEL	Sockets	LIST
5563	4	19.75
5564	6	23.10
5565	8	26.25

WALL/FLOOR MOUNT RECEPTACLE — MALE

This receptacle accepts all female cord plugs with the same pin count as well as the female cord plug. Standard mating configuration will accommodate competitive units.



MODEL	Pins	LIST
5566	4	9.50
5567	6	10.50
5568	8	14.15

POMONA

AUDIO CONNECTORS—XLR TYPE

STRAIGHT CORD PLUG — FEMALE

This cord plug accepts all male receptacles with the same pin count as well as the male cord plug. Standard mating configuration will accommodate competitive units.



MODEL	Sockets	XLR Type	LIST
5109	3	3-11	3.10
5118	4	4-11	4.15
5125	5	5-11	4.60

STRAIGHT CORD PLUG — MALE

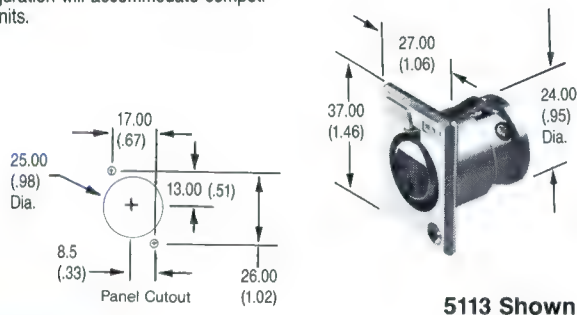
This cord plug accepts all female receptacles with the same pin count as well as the female cord plug. Standard mating configuration will accommodate competitive units.



MODEL	Pins	XLR Type	LIST
5110	3	3-12	2.50
5119	4	4-12	2.60
5126	5	5-12	3.00

WALL/FLOOR MOUNT RECEPTACLE—FEMALE

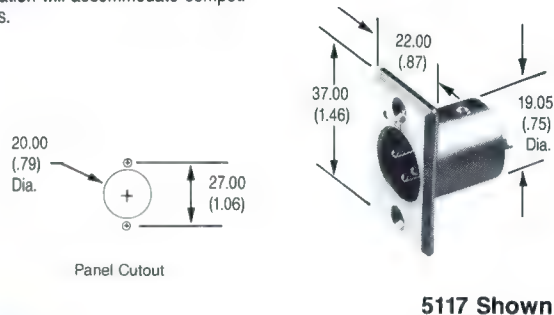
This receptacle accepts male cord plugs with the same pin count. Standard mating configuration will accommodate competitive units.



MODEL	Sockets	XLR Type	LIST
5113	3	3-31	3.90
5123	4	4-31	4.30
5129	5	5-31	4.50

WALL/FLOOR MOUNT RECEPTACLE — MALE

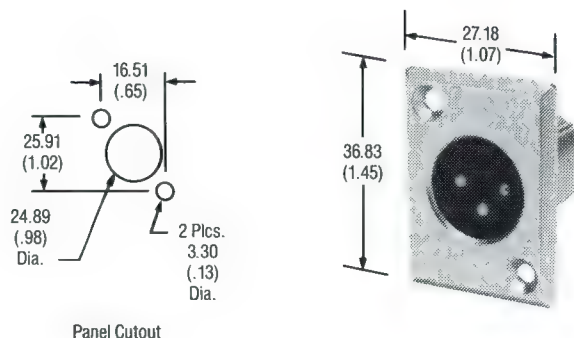
This receptacle accepts female cord plugs with the same pin count. Standard mating configuration will accommodate competitive units.



MODEL	Pins	XLR Type	LIST
5117	3	3-32	1.85
5131	4	4-32	2.30
5130	5	5-32	2.70

WALL/FLOOR MOUNT RECEPTACLE — MALE

This receptacle accepts female cord plugs with the same pin count. Panel cutout is similar to models 5113, 5123 and 5129. Standard mating configuration will accommodate competitive units.

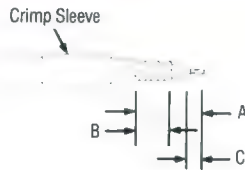


MODEL	Pins	LIST
5569	3	2.10
5570	4	2.60
5571	5	3.10

POMONA

CONNECTOR INSTRUCTIONS

MODELS 5285, 5286, 5344 & 5345



Cut cable end square. Slide crimp sleeve over jacket. Strip cable to dimensions A, B, and C.

Center Contact

Solder contact to center conductor of cable.



Slide connector body over center contact & push barrel beneath braid.

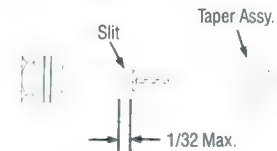
Slide crimp sleeve forward over braid & seat against connector body. Crimp with hex crimp die as listed.

MODEL	A	B	C	Hex Die Size
5285 5344	.58	.19	.11	.213 (Model 5540)
5286 5345	.58	.19	.11	.255 (Model 5541)

MODELS 4997, 4998 & 4999



Cut cable end square. Slide crimp sleeve over jacket. Strip cable to dimensions shown.



Slit jacket if necessary & slide taper assembly under braid & seat against shoulder.



Solder contact to center conductor.



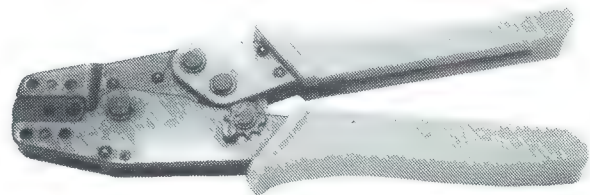
Place connector body over cable assembly. Slide clamp nut forward and thread into body. Tighten nut to 35-40 inch pounds.

CRIMP TOOL AND DIES

This crimping tool is designed to accommodate Pomona's most popular connector sizes. The dies are sold separately allowing each tool assembly to be tailored to the application.



Die



MODEL	Crimp Tool (Handle only)	LIST
5539		59.00

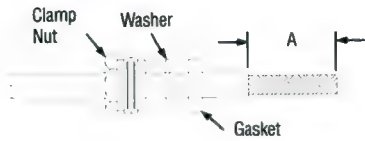
MODEL	Dies	LIST
5540	RG58	55.00
5541	RG59	55.00
5542	RG174	55.00

MODEL NO.	Use With Pomona Connector Model Nos.
5540	4859, 4860, 5152, 5285, 5288, 5368, 5344, 5372, 5377 & 5381
5541	5286, 5296, 5345, 4957
5542	4804, 4805, 5366, 5370, 5375 & 5379

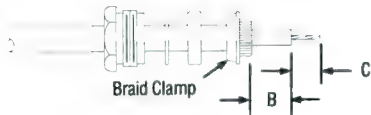
POMONA

CABLING INSTRUCTIONS

**MODELS 4488, 4786, 4787, 4977 4978,
4980, 4981, 5061, 5066, 5067, 5068 & 5307**



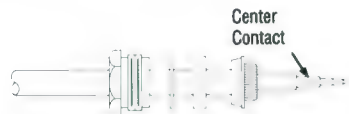
Cut cable end square. Slide clamp nut, washer & gasket over jacket. Strip jacket to dim. A.



Comb braid forward. Slide braid clamp over braid against jacket. Fold braid back over braid clamp and trim. Cut Dielectric & Center Conductor to dimensions B & C.



Models 5061 and 4786 - Slide bushing insulator over center conductor and seat against dielectric.

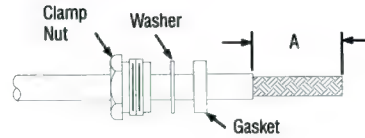


Solder center contact (male or female) to center conductor.

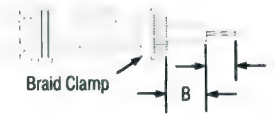


Place connector body over cable assembly. Slide clamp nut, washer & gasket forward against braid clamp. Thread clamp nut onto body & tighten.

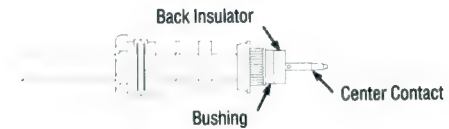
MODEL 5079



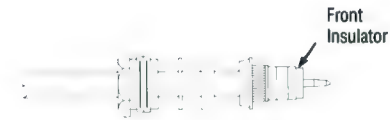
Cut cable end square. Slide clamp nut, washer & gasket over jacket. Strip jacket to dim. A.



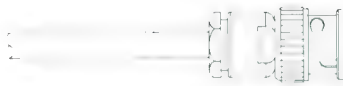
Comb braid forward. Slide braid clamp over braid against jacket. Fold braid back over braid clamp and trim. Cut Dielectric & Center Conductor to dimensions B & C.



Slide bushing & back insulator over dielectric & seat against braid. Solder contact to center conductor.



Place front insulator over contact & seat against back insulator.



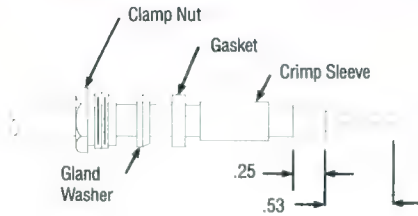
Place connector body over cable assembly. Slide clamp nut, washer & gasket forward against braid clamp. Thread clamp nut onto body & tighten.

MODEL NO.	A	B	C	Conn. Type / Nom. Cable Dia.	Clamp Nut Torque (in-lb)
4488	11/32	3/16	.11	BNC (M) / .195	35-40
4786	11/32	3/16	.11	BNC (M) / .242	35-40
4787	7/16	.118	7/32	N (M) / .195	70-80
4977	5/16	.11	.11	BNC (M) RA / .195	35-40
4978	11/32	3/16	.11	BNC (F) / .195	35-40
4980	3/8	.05	.19	N (M) / .425	70-80
4981	3/8	.05	.19	N (F) / .425	70-80
5061	11/32	3/16	.11	BNC (F) / .242	35-40
5066	11/32	3/16	.11	BNC (M) / .195	35-40
5067	11/32	3/16	.11	BNC (M) / .242	35-40
5068	11/32	3/16	.11	BNC (M) / .100	35-40
5079	.31	.11	.14	BNC (M) 75 Ohms / .242	35-40
5307	11/32	3/16	.11	BNC (M) / .100	35-40

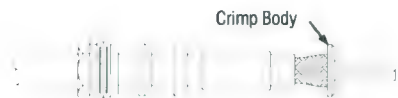
POMONA

CABLING INSTRUCTIONS

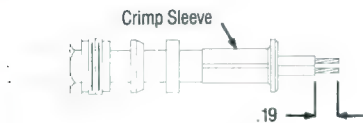
MODEL 4957



Cut cable end square. Slide clamp nut, gland washer, gasket & crimp sleeve over jacket. Cut cable jacket to dimension shown; do not nick braid. Remove .53 length of jacket.



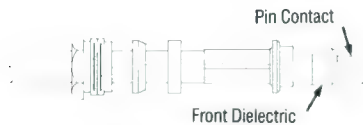
Remove .25 length of jacket. Flair out braid slightly and push crimp body over conductors & under braid.



Slide crimp sleeve over braid to edge of crimp body and crimp using .255 Hex Die (see Model 5541, page 128). Trim center conductors to dimension shown.



Slide bushing and rear dielectric over center conductors. Solder contacts to conductors.

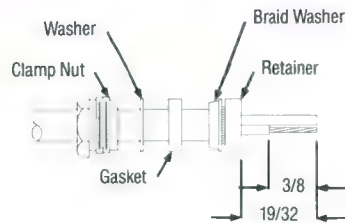


Slide front dielectric over contacts.

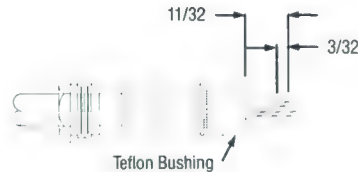


Place connector body over cable assembly. Slide clamp nut, gland washer & gasket forward to body. Tighten nut to 35-40 inch pounds.

MODEL 3600



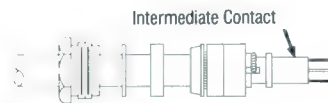
Cut cable end square. Slide clamp nut, washer & gasket over jacket. Strip jacket to 3/4". Fold braid back and trim filler. Slide braid clamp over braid against jacket. Fold braid back over braid clamp and trim. Assemble retainer and strip blue conductor as shown.



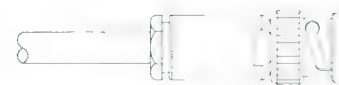
Assemble teflon bushing and strip white conductor as shown.



Solder center contact to white conductor.

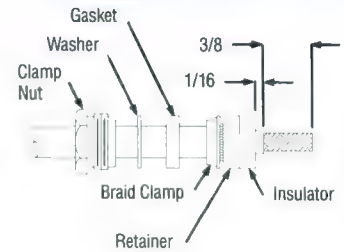


Insert center contact into inner insulator. Slide intermediate contact over insulator. Wrap conductor around intermediate contact and solder.

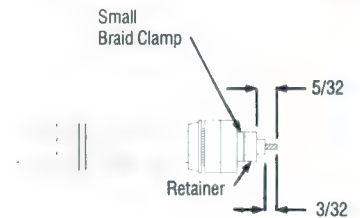


Slide outer insulator over intermediate contact. Thread assembly into body and tighten clamp nut to 35-40 inch pounds.

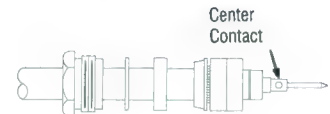
MODELS 5218 & 5056



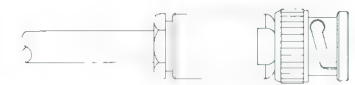
Cut cable end square. Slide clamp nut, washer & gasket over jacket. Strip jacket to 3/4". Fold braid back and trim filler. Slide braid clamp over braid against jacket. Fold braid back over braid clamp and trim. Assemble retainer and insulator over inner jacket. Trim inner jacket as shown.



Place small braid clamp over inner braid and against inner jacket. Comb out braid and fold back over braid clamp. Trim even with base of braid clamp. Place small retainer over dielectric, against inner braid clamp. Trim dielectric and center conductor as shown.



Solder center contact to white conductor.



Place inner insulator, intermediate contact and outer insulator over center contact. Thread assembly into body and tighten clamp nut.

POMONA

THERMOPLASTIC BOXES

MOLDED THERMOPLASTIC BOX WITH CARD GUIDES

The box and cover are molded of glass filled nylon which is almost unbreakable under normal use. Box and cover are easily machined. Three slots are provided for 1.57 mm (.062) circuit boards (not included).

HOUSING: Glass filled nylon.

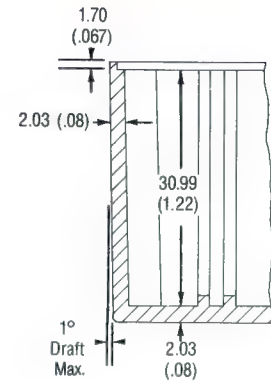
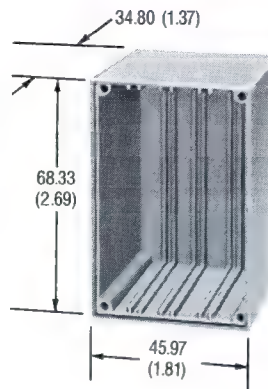
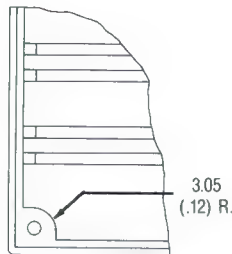
COVER: Glass filled nylon. Includes 4 self-tapping # 2-32 cover screws.

RATING: + 102°C. (+216°F.) Max.

***STD. COLORS:** -0 Black, -6 Blue, -9 White.

Recommended circuit board size:

63.75 (2.51) × 30.99 (1.20) × 1.57 (.062) thick.



MODEL

3850-*

LIST 3.60

MOLDED STATIC CONTROL THERMOPLASTIC BOX WITH CARD GUIDES

The box and cover are molded of STAT-KON† nylon which prevents electrostatic buildup. Three slots are provided for 1.57 mm (.062) circuit boards (not included).

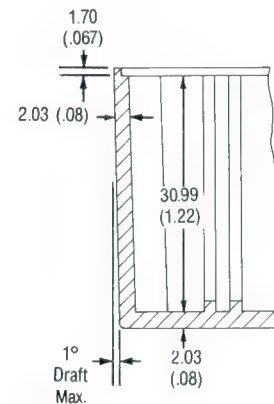
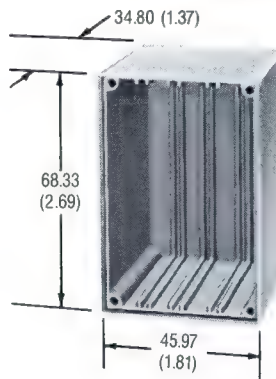
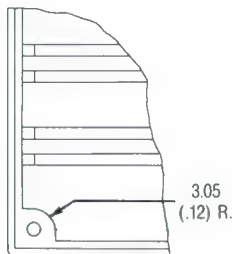
HOUSING: STAT-KON†, black.

COVER: STAT-KON†, black. Includes 4 self-tapping # 2-32 cover screws.

RATING: + 104°C. (+219°F.) Max.; surface resistivity, 10⁹ Ohm-cm².

Recommended circuit board size:

63.75 (2.51) × 30.99 (1.20) × 1.57 (.062) thick



MODEL

4902

LIST 4.60

MOLDED THERMOPLASTIC BOX WITH CARD GUIDES

Box and cover are molded of glass filled nylon which is almost unbreakable under normal use. Three slots are provided to permit lengthwise mounting of 1.57 mm (.062) thick circuit boards (not included). Boards may also be mounted horizontally.

HOUSING: Glass filled nylon.

COVER: Glass filled nylon. Includes 4 self-tapping # 2-32 cover screws.

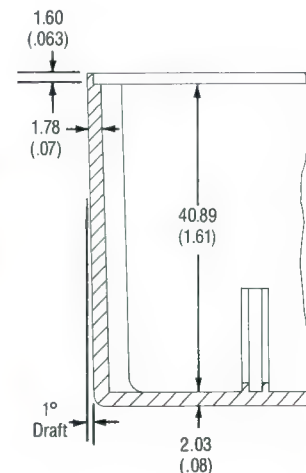
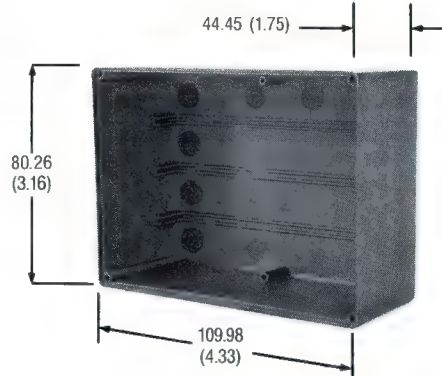
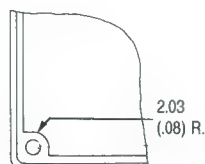
RATING: + 102°C. (+216°F.) Max.

***STD. COLORS:** -0 Black, -6 Blue.

Recommended circuit board sizes:

Vertical 99.82 (3.93) × 40.13 (1.58) × 1.57 (.062) thick

Horizontal 99.06 (3.90) × 75.69 (2.98) × 1.57 (.062) thick



MODEL

4384-*

LIST 6.05

POMONA

PHENOLIC BOXES—JUNIOR SIZE

Create passive and active networks, voltage dividers, isolation networks or attenuators with these units. Solder turret terminals for permanent noise-free connection of components, etc. Entire unit may be potted or encapsulated.

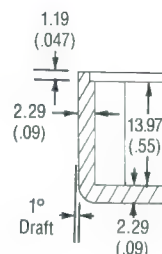
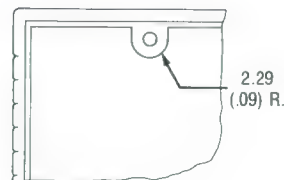
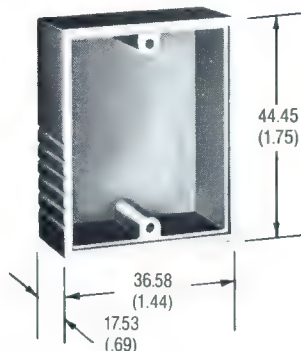
PHENOLIC BOX, JUNIOR SIZE

HOUSING: Phenolic, black.

COVER: XP laminated paper base phenolic, black.

Includes 2 #2-56 cover screws.

RATING: +150°C. (+302°F.) Max.



MODEL

2105

LIST 2.45

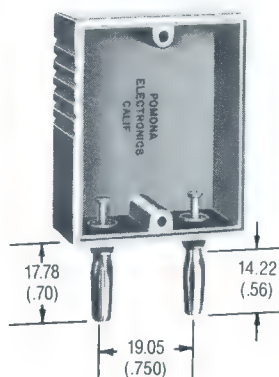
COMPONENT MOUNTING BOX, DOUBLE BANANA PLUG

See Model 2105 (above) for housing dimensions.

1ST END: None.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. (Supplied with cover and cover screws.)

RATING: 5000 WVDC; 15 Amps; +150°C. (+302°F.) Max.



MODEL

2096

LIST 5.95

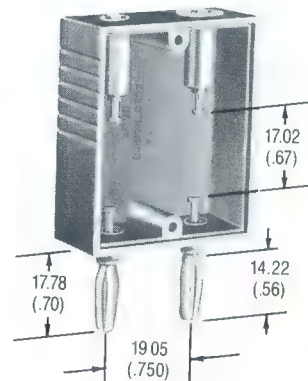
COMPONENT MOUNTING BOX, DOUBLE BANANA JACK TO DOUBLE BANANA PLUG

See Model 2105 (above) for housing dimensions.

1ST END: Double Banana Jack. Brass, bright tin plated.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. (Supplied with cover and cover screws.)

RATING: 5000 WVDC; 15 Amps; +150°C. (+302°F.) Max.



MODEL

2098

LIST 10.35

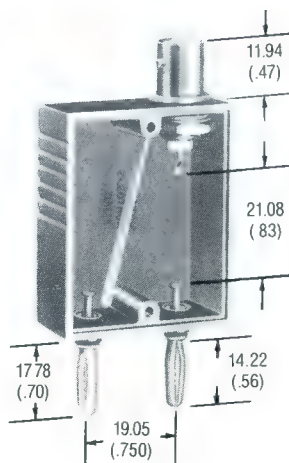
COMPONENT MOUNTING BOX, BNC FEMALE TO DOUBLE BANANA PLUG

See Model 2105 (above) for housing dimensions.

1ST END: BNC Female with extra long solder tab for ground connection. Nominal Impedance: 50 Ohms.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

2097

LIST 14.80

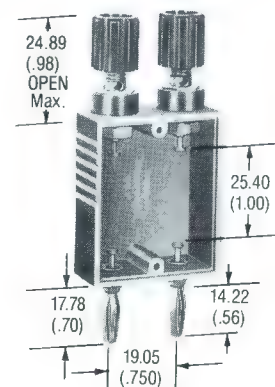
COMPONENT MOUNTING BOX, BINDING POSTS TO DOUBLE BANANA PLUG

See Model 2105 (above) for housing dimensions.

1ST END: Double Binding Post. Brass, bright tin plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. (Supplied with cover and cover screws.)

RATING: 2500 WVDC; 15 Amps; +115°C. (+239°F.) Max.



MODEL

2259

LIST 12.90

POMONA

PHENOLIC BOXES — KING SIZE

Create passive and active networks, voltage dividers, isolation networks or attenuators with these units. Solder turret terminals for permanent noise-free connection of components, etc. Entire unit may be potted or encapsulated.

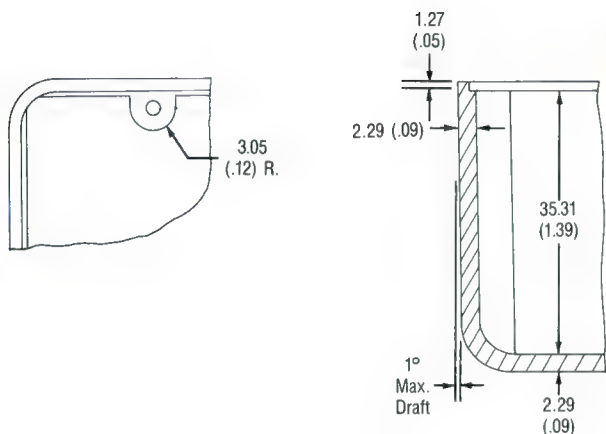
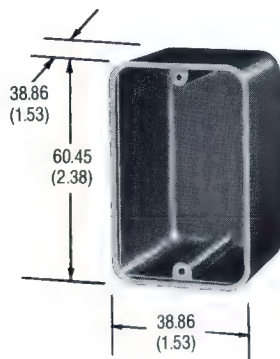
PHENOLIC BOX, KING SIZE

HOUSING: Phenolic, black.

COVER: XP laminated paper base phenolic.

Includes 2 #2-56 cover screws.

RATING: +150°C. (+302°F.) Max.



MODEL

2104

LIST 2.10

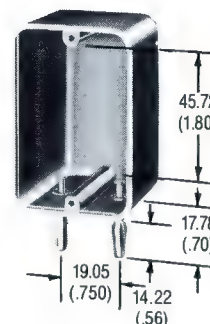
COMPONENT MOUNTING BOX, DOUBLE BANANA PLUG

See Model 2104 for housing dimensions.

1ST END: None.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. (Supplied with cover and cover screws.)

RATING: 5000 WVDC, 15 Amps; +150°C. (+302°F.) Max.



MODEL

1177

LIST 5.70

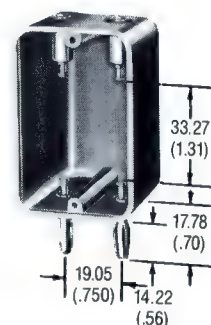
COMPONENT MOUNTING BOX, DOUBLE BANANA JACK TO DOUBLE BANANA PLUG

See Model 2104 for housing dimensions.

1ST END: Double Banana Jack. Brass, bright tin plated.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. (Supplied with cover and cover screws.)

RATING: 5000 WVDC; 15 Amps; +150°C. (+302°F.) Max.



MODEL

2224

LIST 9.00

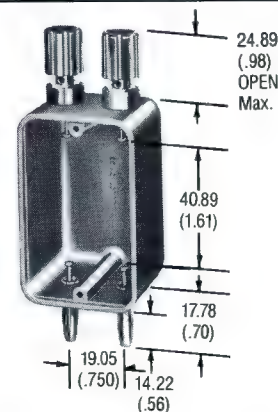
COMPONENT MOUNTING BOX, BINDING POSTS TO DOUBLE BANANA PLUG

See Model 2104 (above) for housing dimensions.

1ST END: Double Binding Post. Accepts standard banana plugs. Brass, bright tin plated. Polycarbonate insulation. One black and one red.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. (Supplied with cover and cover screws.)

RATING: 2500 WVDC; 15 Amps; +115°C. (+239°F.) Max.



MODEL

2262

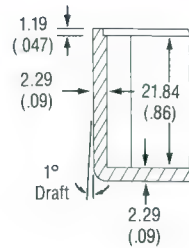
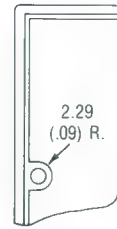
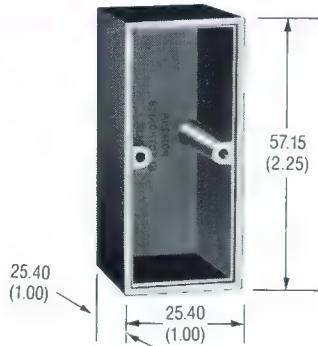
LIST 13.75

POMONA

PHENOLIC BOXES — QUEEN SIZE

PHENOLIC BOX, QUEEN SIZE

HOUSING: Phenolic.
COVER: XP laminated paper base phenolic, black. Includes 2 #2-56 cover screws.
RATING: +150°C. (+302°F.) Max.



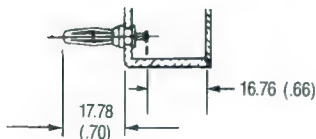
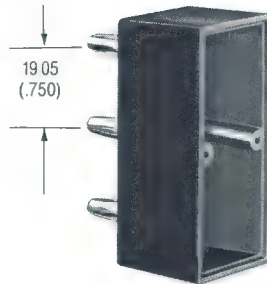
MODEL
2103

LIST 2.20

COMPONENT MOUNTING BOX, THREE BANANA PLUGS

See Model 2103 (above) for housing dimensions.

CENTER: Triple Banana Plug. Brass body, beryllium copper spring, nickel plated. (Supplied with cover and cover screws.)
RATING: 5000 WVDC; 15 Amps; +150°C. (+302°F.) Max.

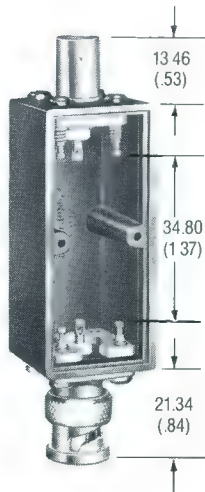


MODEL
2095

LIST 8.65

COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE

See Model 2103 (above) for housing dimensions.
1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.
2ND END: BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)
RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.

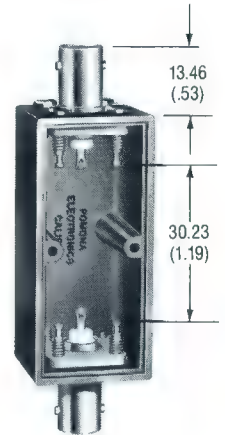


MODEL
2099

LIST 26.55

COMPONENT MOUNTING BOX, BNC FEMALE BOTH ENDS

See Model 2103 (above) for housing dimensions.
1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.
2ND END: Same as first end. (Supplied with cover and cover screws.)
RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.

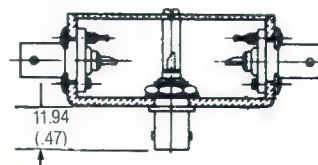
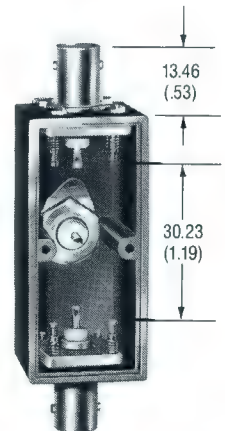


MODEL
2101

LIST 20.60

COMPONENT MOUNTING BOX, BNC FEMALE "T"

See Model 2103 (above) for housing dimensions.
1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.
CENTER: BNC Female with solder lug. Nominal Impedance: 50 Ohms.
2ND END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)
RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



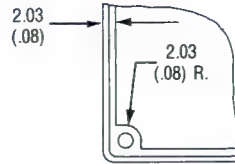
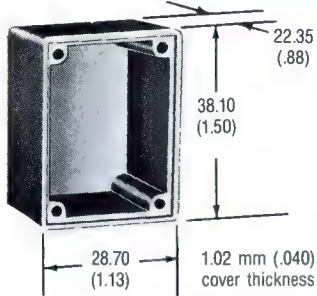
MODEL
2102

LIST 27.40

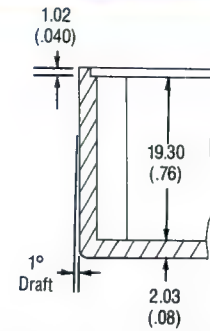
POMONA

DIE CAST ALUMINUM BOXES

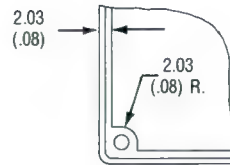
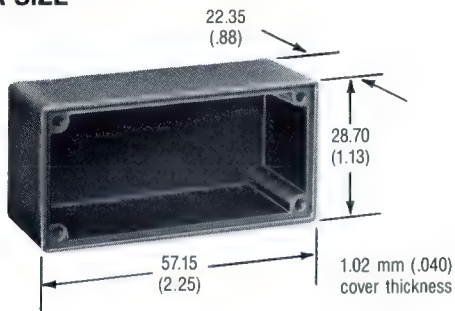
MINIATURE SIZE



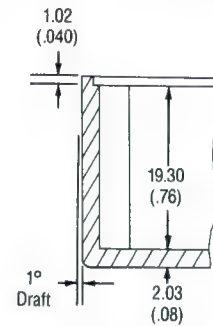
Use model 4742 as replacement cover.
Use model 3729 as mounting cover.
Includes 2-32 X 1/4 panhead screws.



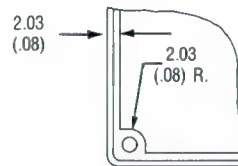
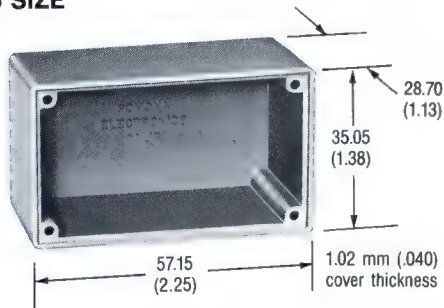
A SIZE



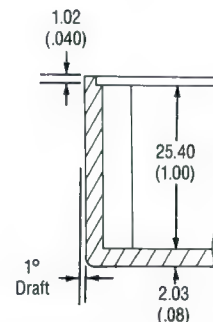
Use model 4245 as replacement cover.
Use model 3728 as mounting cover.
Includes 2-32 X 1/4 panhead screws.



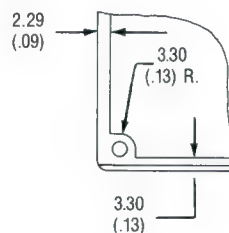
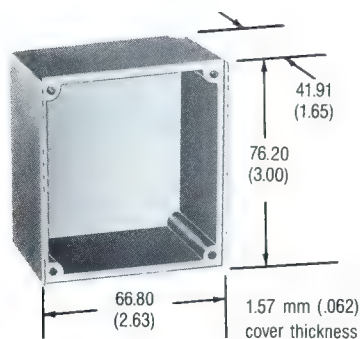
B SIZE



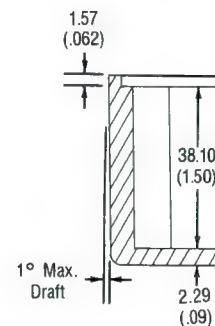
(Use Model 4246 as replacement cover.
Use Model 3719 as mounting cover.)
Includes 2-32 X 1/4 panhead screws.



D SIZE



Use model 4726 as replacement cover.
Use model 3958 as mounting cover.
Includes 4-40 X 1/4 Phillips screws.



MODEL	Box Size	Finish	LIST
3753	Miniature	Blue Baked Enamel	5.45
3754		None	5.25
2397	A	Blue Baked Enamel	5.45
2400		None	5.00
2417	B	Blue Baked Enamel	5.60
2428		None	5.35
3601	D	Blue Baked Enamel	10.00
3606		None	9.70

These boxes are available either with a blue baked enamel finish or with no finish at all. When used with the included cover, the boxes provide excellent RFI/EMI protection.

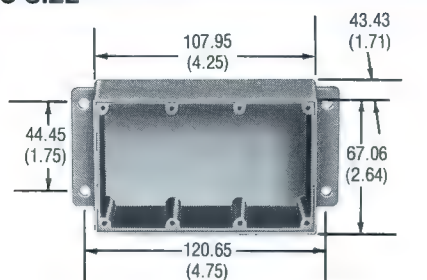
HOUSING: Die cast aluminum, alloy A380 or A384.
Blue baked enamel per Federal Standard 595 #25109
over primer wash per DOD-P-15328 or no finish.

COVER: Aluminum 1100-H14, with clear anodized
finish per MIL-A-8625.

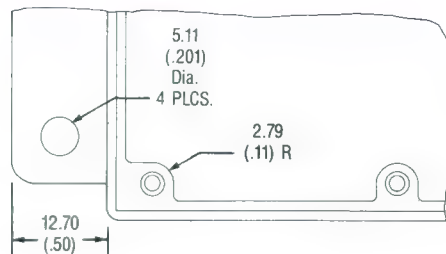
POMONA

DIE CAST ALUMINUM BOXES

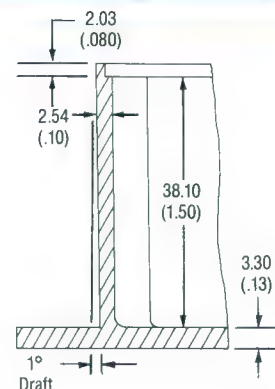
C SIZE



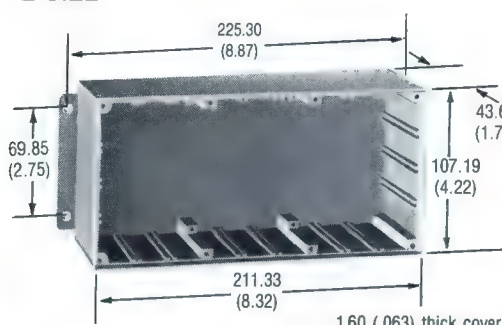
2.03 (.080) thick cover



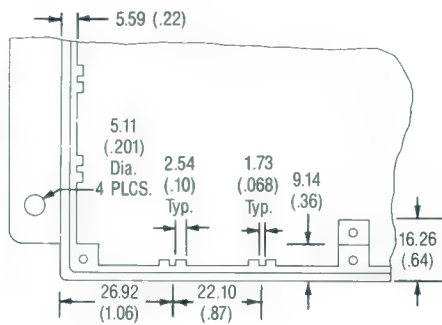
Use model 4248 as replacement cover.
Includes 4-40 X 1/4 panhead screws.



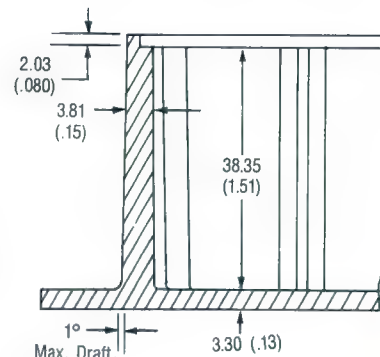
E SIZE



1.60 (.063) thick cover



Use model 4416 as replacement cover.
Includes 4-40 X 1/4 Phillips binding head cover screws.



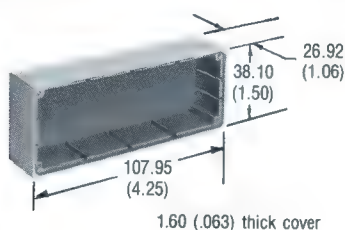
Recommended circuit board sizes:

Vertical: 203.20 (8.00) x 37.85 (1.49) x 1.57 (.062) thick

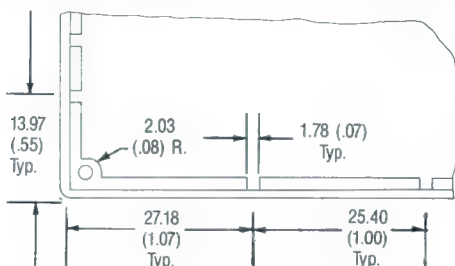
99.06 (3.90) x 37.85 (1.49) x 1.57 (.062) thick

Horizontal: 193.04 (7.60) x 96.52 (3.80) x 1.57 (.062) thick

J SIZE

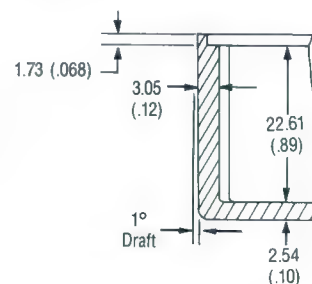


1.60 (.063) thick cover



Includes 2-32 X 1/4 panhead screws.

(Use Model 4658 as replacement cover.)

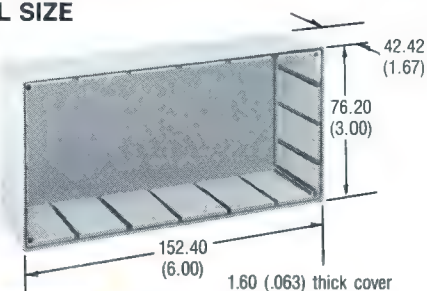


Recommended circuit board sizes:

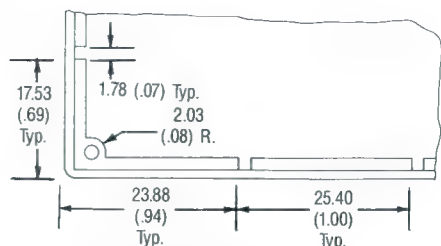
104.90 (4.13) x 22.10 (.87) x 1.57 (.062) thick

35.05 (1.38) x 22.10 (.87) x 1.57 (.062) thick

L SIZE



1.60 (.063) thick cover



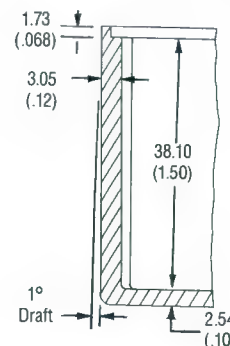
Use model 5198 as replacement cover.
Includes 2-32 X 1/4 panhead screws.

Recommended circuit board sizes:

149.35 (5.88) x 37.59 (1.48) x 1.57 (.062) thick

73.15 (2.88) x 37.59 (1.48) x 1.57 (.062) thick

These boxes are available either with a blue baked enamel finish or with no finish at all. When used with the included cover, the boxes provide excellent RFI/EMI protection.



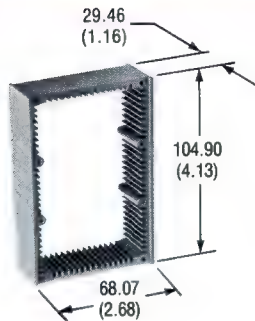
MODEL	Box Size	Finish	LIST
2901	C	Blue Enamel	13.85
2906		None	11.70
4226		Blue Enamel	35.45
5186	E	None	33.45
4655		Blue Enamel	17.10
5255		None	15.45
4903	J	Blue Enamel	20.55
5203		None	20.10

HOUSING: Die cast aluminum, alloy A380 or A384. Blue baked enamel per Federal Standard 595 #25109 over primer wash per DOD-P-15328 or no finish. (See Table)

COVER: Aluminum 1100-H14, with clear anodized finish per MIL-A-8625. Includes cover screws.

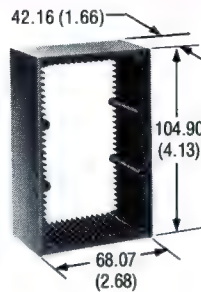
POMONA

EXTRUDED ALUMINUM BOXES



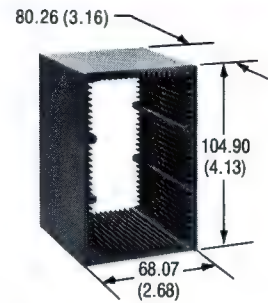
SIZE K

Recommended circuit board sizes:
99.06 (3.90) x 24.89 (.98) x 1.57 (.062) thick
60.96 (2.40) x 24.89 (.98) x 1.57 (.062) thick



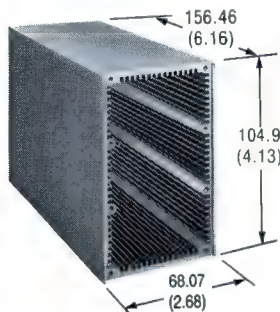
SIZE F

Recommended circuit board sizes:
99.06 (3.90) x 37.59 (1.48) x 1.57 (.062) thick
60.96 (2.40) x 37.59 (1.48) x 1.57 (.062) thick



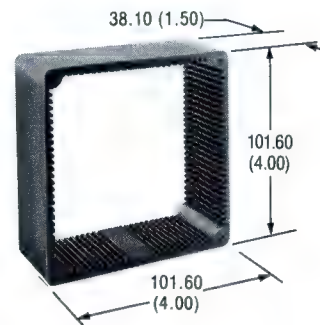
SIZE G

Recommended circuit board sizes:
99.06 (3.90) x 75.69 (2.98) x 1.57 (.062) thick
60.96 (2.40) x 75.69 (2.98) x 1.57 (.062) thick



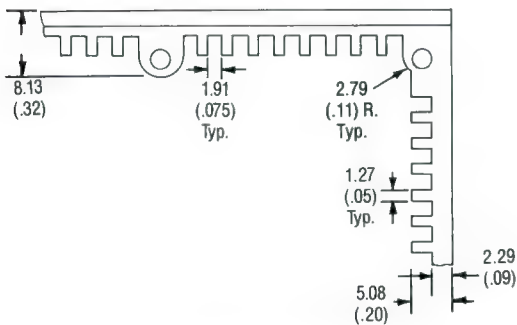
SIZE H

Recommended circuit board sizes:
99.06 (3.90) x 151.89 (5.98) x 1.57 (.062) thick
60.96 (2.40) x 151.89 (5.98) x 1.57 (.062) thick

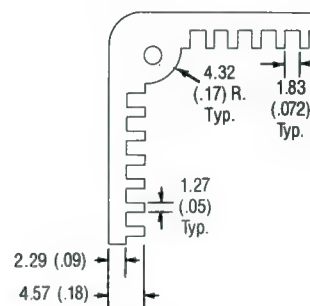


SIZE I

Recommended circuit board size:
95.50 (3.76) x 37.59 (1.48) x 1.52 (.062) thick



SIZES F, G, H & K



SIZE I

MODEL	Box Size	Finish	LIST
4720	K	Blue Enamel	22.95
4739	K	None	20.65
3301	F	Blue Enamel	21.60
3306	F	None	19.80
3311	G	Blue Enamel	25.75
3316	G	None	24.45
3742	H	Blue Enamel	31.75
3743	H	None	29.50
4641	I	Blue Enamel	49.55

These boxes are slotted to accept 1.57mm (.062) circuit boards and shielding dividers. They are available with a blue baked enamel finish or with no finish at all. When used with included covers, these boxes provide excellent EMI/RFI protection.

(Use Model 4247, as replacement cover for sizes F, G, H & K. Use Model 4631, as replacement cover for Size I. Use Model 3328, as mounting cover for Sizes F, G, H & K. Use Model 4642, as mounting cover for Size I.)

HOUSING: Extruded aluminum alloy 6063-T5 or equivalent. Blue baked enamel per Federal Standard 595 #25109 over primer wash per DOD-P-15328 or no finish. (See table).

COVERS: Top and bottom 2.03 mm (.080) thick aluminum 1100-H14, with clear anodized finish per MIL-A-8625. Includes #4-40 x 1/4" flathead screws.

POMONA

DIE CAST ALUMINUM BOXES—MINIATURE SIZE

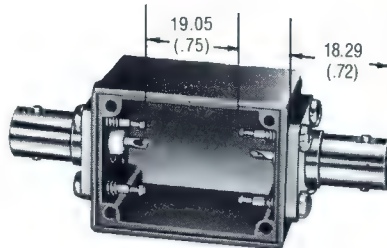
COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 3753 for housing dimensions.

1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: Same as first end. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

3751

LIST 21.10

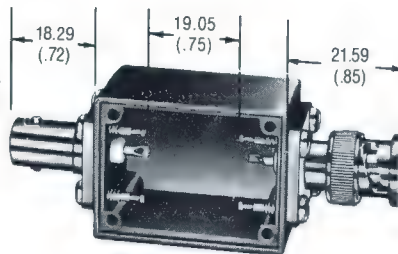
COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE

See Model 3753 for housing dimensions.

1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

3752

LIST 19.95

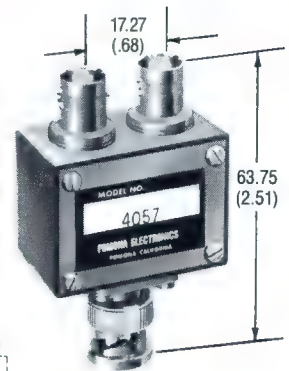
COMPONENT MOUNTING BOX, TWO BNC FEMALES TO BNC MALE ("IN-LINE T")

See Model 3753 for housing dimensions.

1ST END: BNC Females. Nominal Impedance: 50 Ohms.

2ND END: BNC Male. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

4057

LIST 32.35

COMPONENT MOUNTING BOX, BINDING POSTS TO DOUBLE BANANA PLUG WITH BNC FEMALE

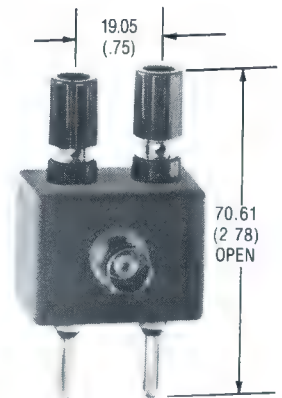
See Model 3753 for housing dimensions.

1ST END: Double Binding Post. Brass, bright tin plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

CENTER: BNC Female. Nominal Impedance: 50 Ohms.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +115°C. (+239°F.) Max.



MODEL

4050

LIST 39.00

DIE CAST ALUMINUM BOXES — SIZE "A"

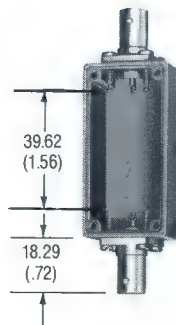
COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 2397 for housing dimensions.

1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: Same as first end. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

2390

LIST 17.35

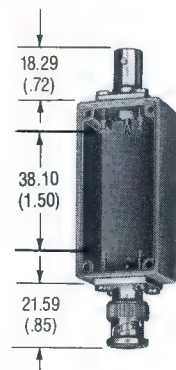
COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE

See Model 2397 for housing dimensions.

1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

2391

LIST 19.55

POMONA

DIE CAST ALUMINUM BOXES—SIZE "A"

COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE WITH BINDING POSTS

See Model 2397 for housing dimensions.

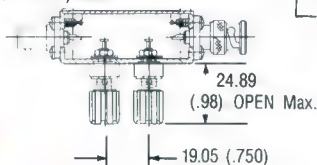
1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

CENTER: Double Binding Post with solder turret terminals. Brass, bright tin, plated. Accepts standard banana plugs, Polycarbonate insulation. One black and one red.

2ND END: BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

(Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +115°C. (+239°F.) Max.



MODEL

2393

LIST 34.35

COMPONENT MOUNTING BOX, BNC FEMALE "T"

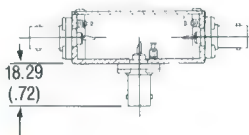
See Model 2397 for housing dimensions.

1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

CENTER: Same as first end.

2ND END: Same as first end. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

2392

LIST 26.60

COMPONENT MOUNTING BOX, "T" TWO BNC FEMALES TO BNC MALE

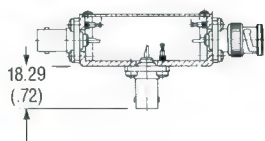
See Model 2397 for housing dimensions.

1ST END: BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

CENTER: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: Same as center. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

2401

LIST 28.55

COMPONENT MOUNTING BOX, SMA FEMALE EACH END

See Model 2397 for housing dimensions.

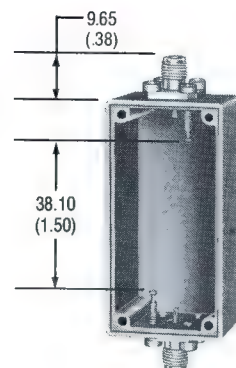
1ST END: SMA Female with solder turret terminal screw. Gold plated per requirements of MIL-C-39012.

Nominal Impedance: 50 Ohms.

2ND END: Same as first end.

(Supplied with cover and cover screw.)

RATING: Operating Voltage: 335 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

2399

LIST 42.35

COMPONENT MOUNTING BOX, SMA MALE TO SMA FEMALE

See Model 2397 for housing dimensions.

1ST END: SMA Male with solder turret terminal screw. Gold plated per requirements of MIL-C-39012.

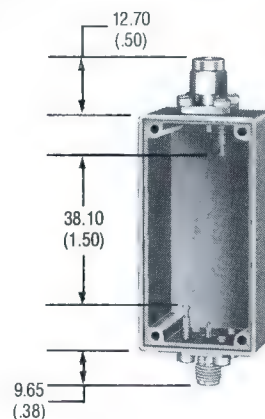
Nominal Impedance: 50 Ohms.

2ND END: SMA Female with solder turret terminal screw. Gold plated per requirements of MIL-C-39012.

Nominal Impedance: 50 Ohms.

(Supplied with cover and cover screws.)

RATING: Operating Voltage: 335 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

2398

LIST 68.75

REPLACEMENT SCREWS



4862

Flathead, Phillips
4-40 NC-2A x .250
carbon steel, zinc plated.



4864

Self-tapping, panhead, 2-32 x .250
carbon steel, zinc plated.

LIST 11.50 PKG.
(100 Per Pkg.)

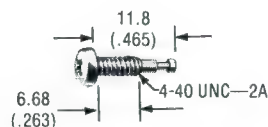
MODEL	Used on
4862	3301, 3302, 3303, 3306, 3307, 3311, 3312, 3316, 3742, 3743, 4720, 4739
4864	2390, 2391, 2392, 2393, 2395, 2397, 2398, 2399, 2400, 2401, 2411, 2413, 2417, 2420, 2428, 3230, 3231, 3232, 3233, 3234, 3239, 3751, 3752, 3753, 3754, 3850, 4050, 4057, 4384, 4655, 4656, 4902, 4903, 5166, 5203, 5255, 5404

SOLDER TURRET TERMINAL SCREW

Excellent for mounting of panel receptacles. Turret on end of screw for soldering. #4-40, Phillips head.

MATERIAL: Steel.

FINISH: Cadmium plated.



MODEL

2352

LIST 43.50 PKG.
(100 Per Pkg.)

POMONA

DIE CAST ALUMINUM BOXES—SIZE "B"

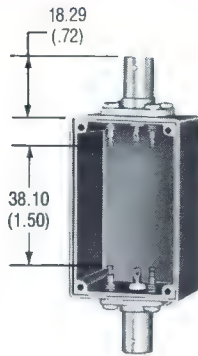
COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 2417 for housing dimensions.

1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: Same as first end. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

3230

LIST 17.15

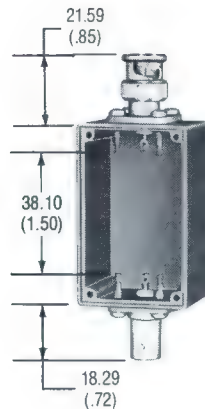
COMPONENT MOUNTING BOX, BNC MALE TO BNC FEMALE

See Model 2417 for housing dimensions.

1ST END: BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

3231

LIST 20.80

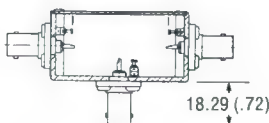
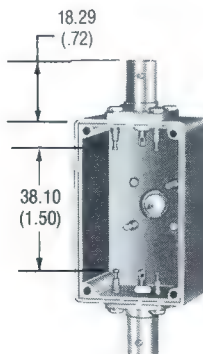
COMPONENT MOUNTING BOX, BNC FEMALE "T"

See Model 2417 for housing dimensions.

1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

CENTER: Same as first end. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

3232

LIST 27.50

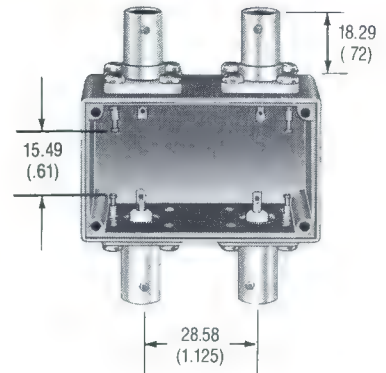
COMPONENT MOUNTING BOX, CROSS CONNECTIONS

See Model 2417 for housing dimensions.

1ST END: BNC Females with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: Same as first end. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

3234

LIST 29.05

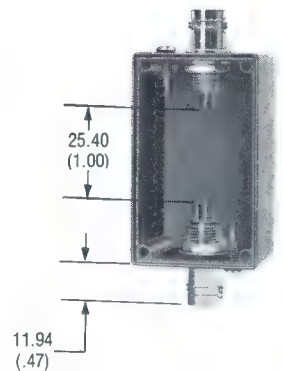
COMPONENT MOUNTING BOX, TRIAxIAL FEMALE EACH END

See Model 2417 for housing dimensions.

1ST END: Triaxial Female, two lug, with solder turret terminal screws.

2ND END: Same as first end. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

5166

LIST 36.60

COMPONENT MOUNTING BOX, BNC MALE TO BNC FEMALE WITH BINDING POSTS

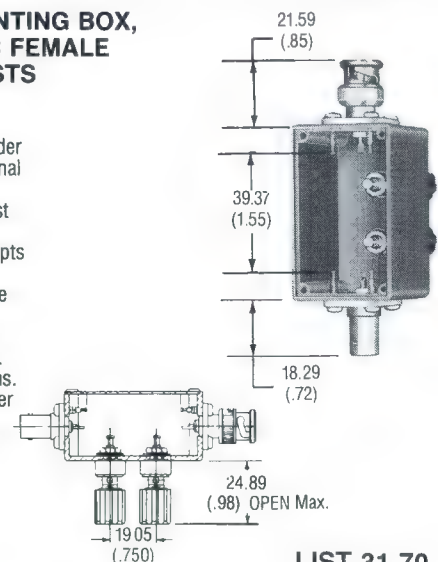
See Model 2417 for housing dimensions.

1ST END: BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

CENTER: Double Binding Post with solder turret terminals. Brass, bright tin plated. Accepts standard banana plugs. Polycarbonate insulation. One black and one red.

2ND END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms. (Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS Max.; +115°C. (+239°F.) Max.



MODEL

3233

LIST 31.70

POMONA

DIE CAST ALUMINUM BOXES—SIZE "B"

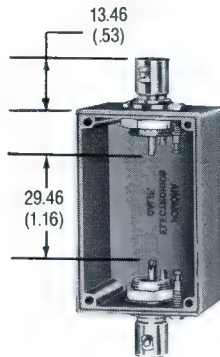
COMPONENT MOUNTING BOX, ISOLATED BNC FEMALE EACH END

See Model 2417 for housing dimensions.

1ST END: Isolated BNC Female with solder turret terminal screw. Nominal Impedance: 50 Ohms

2ND END: Same as first end.
(Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS
Max.; +150°C. (+302°F.) Max.



MODEL

3239

LIST 28.65

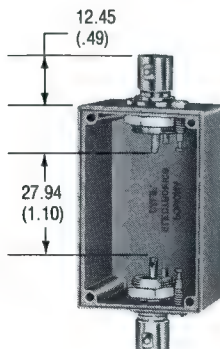
COMPONENT MOUNTING BOX, ISOLATED 75 OHM BNC FEMALE EACH END

See Model 2417 for housing dimensions.

1ST END: Isolated 75 Ohm BNC Female with solder turret terminal screw.

2ND END: Same as first end.
(Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS
Max.; +150°C. (+302°F.) Max.



MODEL

5404

LIST 24.95

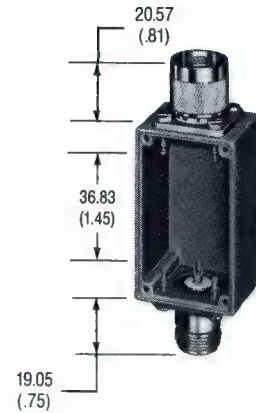
COMPONENT MOUNTING BOX, TYPE "N" MALE TO TYPE "N" FEMALE

See Model 2417 for housing dimensions.

1ST END: Type "N" Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: Type "N" Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.
(Supplied with cover and cover screws.)

RATING: Operating Voltage: 1000 VRMS
Max.; +150°C. (+302°F.) Max.



MODEL

2411

LIST 34.45

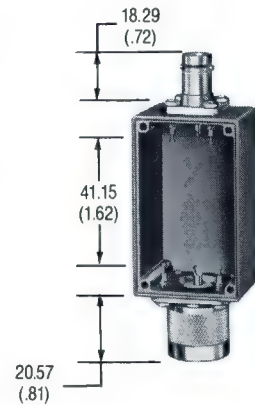
COMPONENT MOUNTING BOX, BNC FEMALE TO TYPE "N" MALE

See Model 2417 for housing dimensions.

1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: Type "N" Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.
(Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS
Max.; +150°C. (+302°F.) Max.



MODEL

2420

LIST 34.45

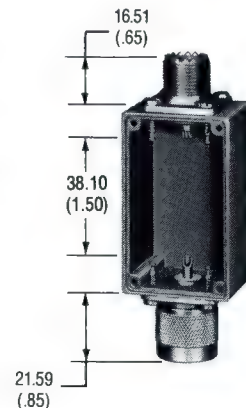
COMPONENT MOUNTING BOX, UHF FEMALE TO UHF MALE

See Model 2417 for housing dimensions.

1ST END: UHF Female with solder turret terminal screws. Nominal Impedance: Nonconstant.

2ND END: UHF Male with solder turret terminal screws. Nominal Impedance: Nonconstant.
(Supplied with cover and cover screws.)

RATING: Operating Voltage: 500 VRMS
Max.; +150°C. (+302°F.) Max.



MODEL

5413

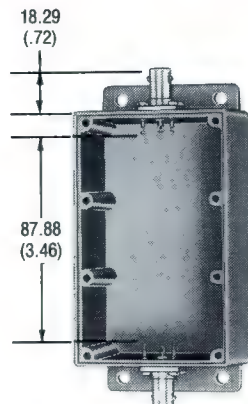
LIST 36.60

POMONA

DIE CAST ALUMINUM BOXES—SIZE “C”, “D”, & “J”

SIZE “C” COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 2901 for housing dimensions.
1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.
2ND END: Same as first end.
 (Supplied with cover and cover screws.)
RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



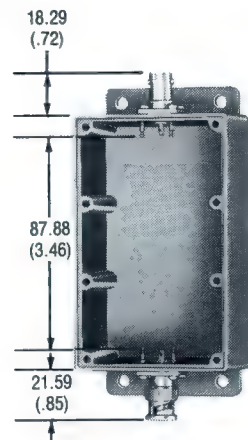
MODEL

2902

LIST 27.55

SIZE “C” COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE

See Model 2901 for housing dimensions.
1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.
2ND END: BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.
 (Supplied with cover and cover screws.)
RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

2903

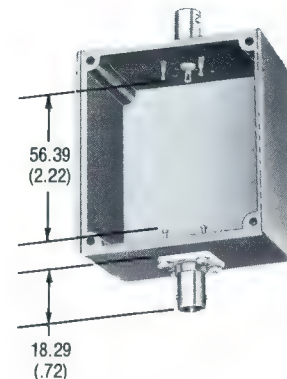
LIST 29.80

SIZE “J” COMPONENT MOUNTING BOX FIVE BNC FEMALES

See Model 4655 for housing dimensions.
1ST END: BNC Females. Nominal Impedance: 50 Ohms.
2ND END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.
 (Supplied with cover and cover screws.)
RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.

SIZE “D” COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 3601 for housing dimensions.
1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.
2ND END: Same as first end.
 (Supplied with cover and cover screws.)
RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



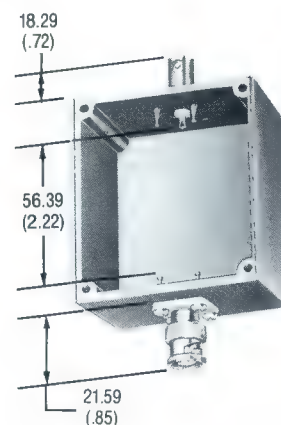
MODEL

3602

LIST 22.90

SIZE “D” COMPONENT MOUNTING BOX, BNC FEMALE TO BNC MALE

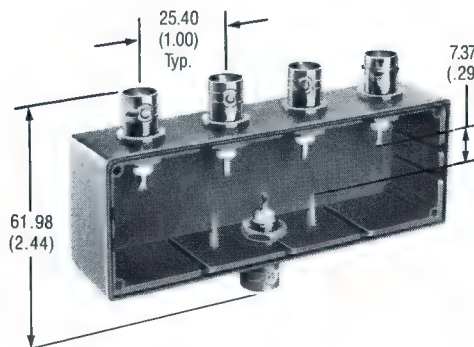
See Model 3601 for housing dimensions.
1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.
2ND END: BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.
 (Supplied with cover and cover screws.)
RATING: Operating Voltage: 500 VRMS Max.; +150°C. (+302°F.) Max.



MODEL

3603

LIST 26.50



MODEL

4656

LIST 40.30

POMONA

EXTRUDED ALUMINUM BOXES—SIZES “F” & “G”

SIZE “F”

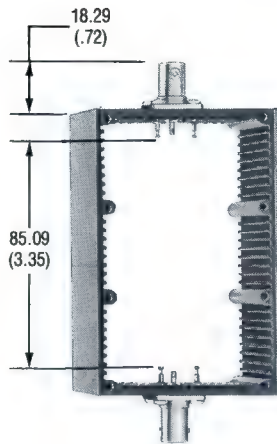
COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 3301 for housing dimensions.

1ST END: BNC Female with solder turret terminal screws.
Nominal Impedance: 50 Ohms.

2ND END: Same as first end.
(Supplied with covers and cover screws.)

RATING: Operating Voltage:
500 VRMS Max.; +150°C.
(+302°F.) Max.



MODEL

3302

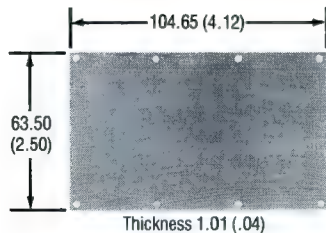
LIST 36.80

RFI/EMC COVER GASKET FOR SIZE “F,” “G,” “H,” & “K” BOXES

This cover gasket greatly improves electromagnet shielding effectiveness of POMONA boxes. Fine monel wires embedded in silicone provide an effective shield against radio frequency interference greatly improving electromagnetic compatibility. Adhesive back allows simple installation.

Gasket fits Models 3301, 3302, 3303, 3306,
3311, 3312, 3316, 3742, 3743, 4720 and 4739.

(Gasket attaches directly to cover.)



MODEL

4775

LIST 17.15

SIZE “F”

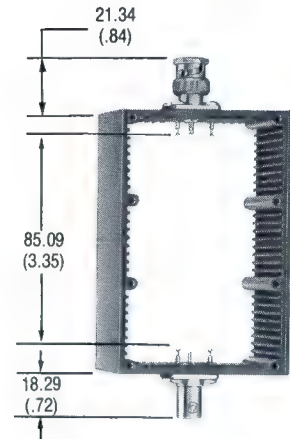
COMPONENT MOUNTING BOX, BNC MALE TO BNC FEMALE

See Model 3301 for housing dimensions.

1ST END: BNC Male with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.
(Supplied with covers and cover screws.)

RATING: Operating Voltage:
500 VRMS Max.; +150°C.
(+302°F.) Max.



MODEL

3303

LIST 38.95

SIZE “G”

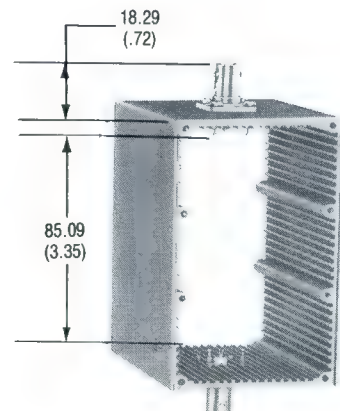
COMPONENT MOUNTING BOX, BNC FEMALE EACH END

See Model 3311 for housing dimensions.

1ST END: BNC Female with solder turret terminal screws. Nominal Impedance: 50 Ohms.

2ND END: Same as first end.
(Supplied with covers and cover screws.)

RATING: Operating Voltage:
500 VRMS Max.; +150°C.
(+302°F.) Max.



MODEL

3312

LIST 39.55

POMONA

REPLACEMENT COVER/MOUNTING COVER

REPLACEMENT COVER

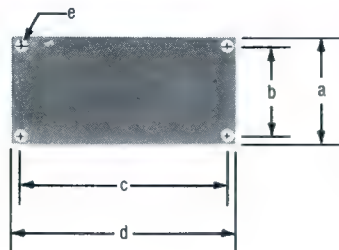


FIGURE 1

MOUNTING COVER

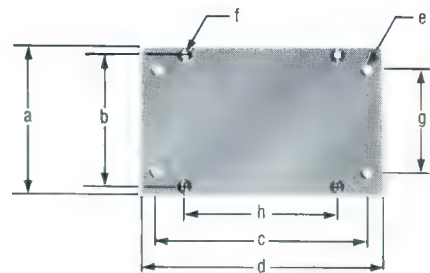


FIGURE 2

REPLACEMENT COVER

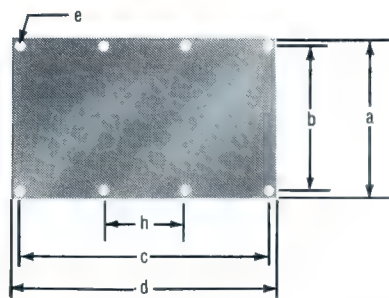


FIGURE 3

MOUNTING COVER

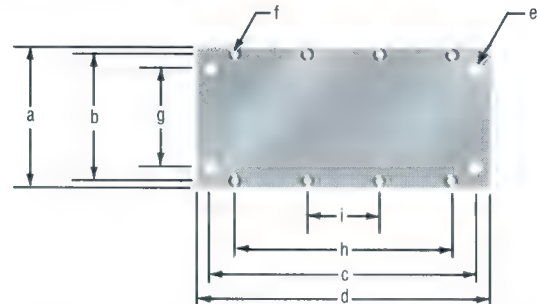


FIGURE 4

MODEL	Box Size	Fig.	Mat.*	Mat. Thickness	a	b	c	d	e	f	g	h	i	LIST
4742	Miniature	1	1100-H14	1.02 (.040)	26.42 (1.04)	21.41 (.843)	30.94 (1.218)	35.81 (1.41)	1	—	—	—	—	1.10
3729	Miniature	2	6061-T6	2.03 (.080)	29.21 (1.15)	21.41 (.843)	55.73 (2.194)	63.50 (2.50)	3	7	21.41 (.843)	30.94 (1.218)	—	2.85
4245	A	1	1100-H14	1.02 (.040)	26.16 (1.03)	21.41 (.843)	49.99 (1.968)	54.86 (2.16)	1	—	—	—	—	1.70
3728	A	2	6061-T6	2.03 (.080)	29.21 (1.15)	21.41 (.843)	74.78 (2.944)	82.55 (3.25)	3	7	21.41 (.843)	49.99 (1.968)	—	2.85
4246	B	1	1100-H14	1.02 (.040)	32.51 (1.28)	27.76 (1.093)	49.99 (1.968)	54.86 (2.16)	1	—	—	—	—	1.70
3719	B	2	6061-T6	2.03 (.080)	35.56 (1.40)	27.76 (1.093)	74.78 (2.944)	82.55 (3.25)	3	7	27.76 (1.093)	49.99 (1.968)	—	3.15
4248	C	3	1100-H14	2.03 (.080)	63.50 (2.50)	57.15 (2.250)	98.43 (3.875)	104.65 (4.12)	2	—	—	32.92 (1.292)	—	3.55
4726	D	1	1100-H14	1.60 (.063)	62.99 (2.48)	57.15 (2.250)	66.68 (2.625)	75.95 (2.99)	4	—	—	—	—	3.15
3958	D	2	1100-H14	2.03 (.080)	63.50 (2.50)	57.15 (2.250)	91.90 (3.618)	104.65 (4.12)	6	8	44.45 (1.750)	66.67 (2.625)	—	7.95
4416	E	3	1100-H14	2.03 (.080)	102.11 (4.02)	96.52 (3.800)	200.66 (7.900)	206.25 (8.12)	2	—	—	68.88 (2.633)	—	7.45
4247	F, G, H, & K	3	1100-H14	2.03 (.080)	63.50 (2.50)	57.15 (2.250)	98.43 (3.875)	104.65 (4.12)	9	—	—	32.82 (1.292)	—	4.55
3328	F, G, H, & K	4	6061-T6	2.03 (.080)	63.50 (2.50)	57.15 (2.250)	120.65 (4.750)	133.35 (5.25)	6	9	44.45 (1.750)	98.43 (3.875)	32.79 (1.291)	7.40
4631	I	1	1100-H14	2.03 (.080)	101.60 (4.00)	91.44 (3.600)	91.44 (3.600)	101.60 (4.00)	5	—	—	—	—	5.70
4642	I	2	1100-H14	2.03 (.080)	101.60 (4.00)	91.44 (3.600)	114.30 (4.500)	127.00 (5.00)	6	5	66.68 (2.625)	91.44 (3.600)	—	5.70
4658	J	1	1100-H14	1.60 (.063)	34.80 (1.37)	30.48 (1.200)	100.33 (3.950)	104.65 (4.12)	1	—	—	—	—	4.30
5198	L	1	1100-H14	1.60 (.063)	72.90 (2.87)	68.58 (2.700)	144.78 (5.700)	149.10 (5.87)	1	—	—	—	—	5.65

NOTES:

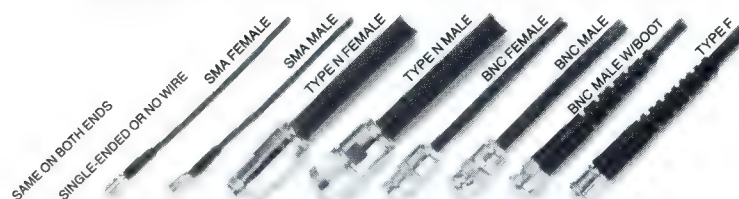
- 1) 2.44 (.096) 4 MTG Holes
- 2) 3.56 (.140) 8 MTG Holes
- 3) 3.81 (.150) 4 MTG Holes

- 4) 3.18 (.125) 4 MTG Holes
- 5) 3.56 (.140) 4 MTG Holes
- 6) 5.11 (.201) 4 MTG Holes

- 7) 2.54 (.100) with 1.40 (.055) Deep x 4.22 (.166) counterbore
- 8) 3.18 (.125) with 5.94 (.234) Dia x 82° countersink.
- 9) 3.56 (.140) Dia with 5.94 (.234) Dia x 82° countersink.

*All covers clear anodized per MIL-A-8625

Cable & Cord Selection Guide



HOW TO SELECT THE CABLE OR CORD ASSEMBLY YOU NEED

1. Simply locate the ends of the cable or cord assembly you need, then pinpoint the intersection in the grid.

2. Refer to the page number shown for complete specifications, lengths and colors.

SMD GRABBER®	78	77				117	116	78
MICROGRABBER®	81, 82	81				116	116	82
MINIGRABBER®	85, 87	84-86				116	88, 116	88
MINIPINCR	80	79				79		80
MAXIGRABBER®		89						89
BANANA PLUG	90, 113					115	111, 115	55
IN LINE BANANA PLUG	90, 91	20						
BANANA JACK		20						
DBL BANANA PLUG	108	22, 108					109	109
MINI BANANA PLUG	95	24				115	115	
MINI DBL BANANA PLUG	108	25						109
RETRACTABLE SHEATHED BANANA PLUG	93, 94							94
PIN TIP PLUG	96					115		
IN LINE PIN TIP	96, 97							
SQ PIN RECEPT	100					117		110
MINIGATOR	99	40				115	111, 115	110
ALLIGATOR	98	40				115	111, 115	110
SPADE LUG	97, 114					116, 117		
MINI PHONE PLUG	120							
PHONE PLUG	120							
PHONO PLUG	118							118 118
UHF MALE	103, 105							102
TYPE F	118						118	
BNC MALE W/BOOT	101, 102	101, 102				102		
BNC MALE	103, 105	104		105		104	104	
BNC FEMALE	102, 104							
TYPE N MALE	106			106	107			
TYPE N FEMALE								
SMA MALE	106		106					

UHF MALE
PHONO PLUG
PHONE PLUG
MINI PHONE PLUG
SPADE PLUG
ALLIGATOR CLIP
MINIGATOR
SO PIN RECEPT
IN LINE PIN TIP
PIN TIP PLUG
SHEATHED BANANA PLUG
MINI DBL BANANA PLUG
MINI BANANA PLUG
DBL BANANA PLUG
BANANA JACK
IN LINE BANANA PLUG
BANANA PLUG

[illegible]

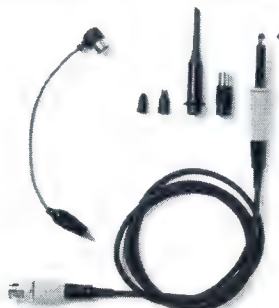
A black and white photograph of a coiled black cable. The cable is thick and has a braided outer sheath. At one end, there is a connector that looks like a standard RJ45 Ethernet port. The cable is coiled in a loose 'U' shape. The background is plain white.

2249-C Male BNC/Coax, an RG58C/U coax with integrally molded relief boot and male BNC connectors at each end. Connectors feature gold plated center pins and tarnish resistant plating. An extra long stress relief is molded onto the connector and cable for long life and protection against cable/connector junction contaminants. Available in lengths from 12" to 180".

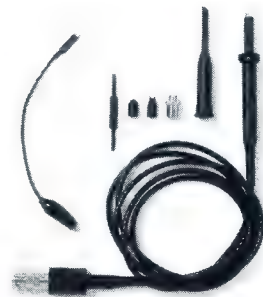


"B" Cord, 18AWG, PVC insulated wire with multiple stacking banana plugs. Nickel plated beryllium copper springs are swaged in a brass body for best spring retention, low contact resistance and long life. Available in 10 colors, in lengths from 4" to 72".

Quality replacement probe kits contain the primary probe and a variety of slide-on interfaces for testing versatility.



Kit No. 4550: X1, X10 switchable,
100 MHz bandwidth (@ 3dB)



Kit No. 5588: Modular, X1, X10 switchable,
250 MHz bandwidth (@ 3dB)

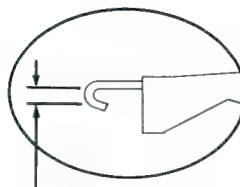
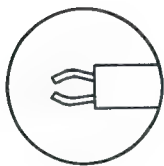
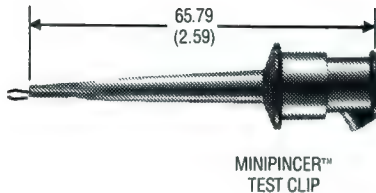
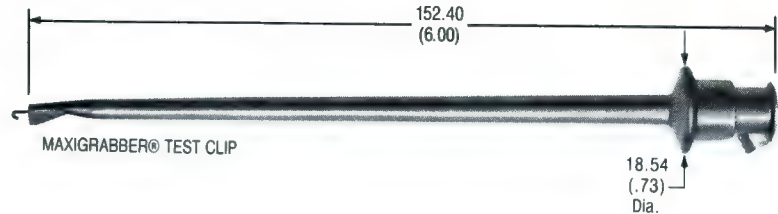
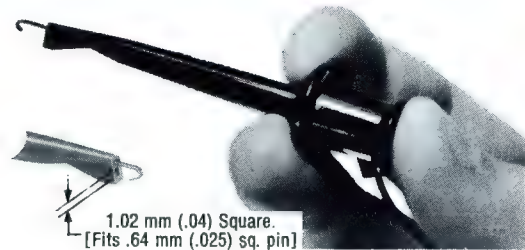
POMONA

SINGLE POINT TEST CLIPS

These plunger type action test clips are called Grabber test clips. The gold plated contact hook attaches rapidly to component leads and terminals. The specially designed tip (see illustration) slides easily on the 0.64 mm (.025) square wrapped wire terminals. The do-it-yourself Grabber test clips can be assembled quickly and easily by the user (see simplified instructions below). Grabber test clips can also be purchased as completed patch cords that are firmly molded together to provide a strong, reliable and integral unit.

FEATURES:

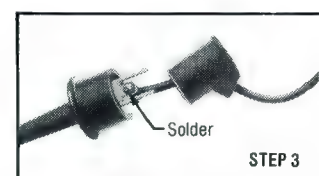
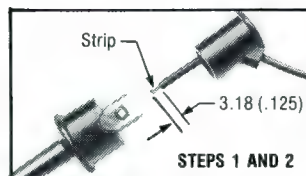
- Plunger type action between thumb and two fingers.
- Comfortable finger grip operation.
- Positive connection that won't pop off.
- No sharp teeth to damage or nick wires.



Detail
Maxigrabber® Test Clip & Minigrabber Test Clip 1.27 (.05)
Micrograbber Test Clip 1.02 (.04)
(Inside Dimensions)

SIMPLIFIED ASSEMBLY PROCEDURE FOR DO-IT-YOURSELF MICROGRABBER®, MINIGRABBER®, MAXIGRABBER® AND SMD GRABBER® TEST CLIPS

1. Pull off thumb cap to expose contact connection.
2. Thread wire through thumb cap and strip 2.18 mm (.125).
3. Insert stripped end through tapered hole on contact, and solder.
NOTE: Stripped end should be placed into the large opening of the tapered hole.
4. Slide thumb cap back onto contact.

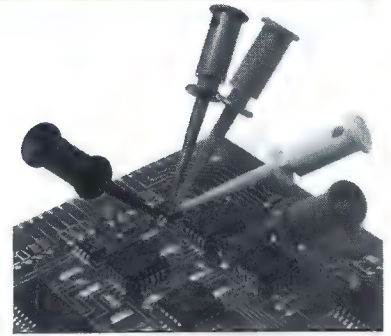
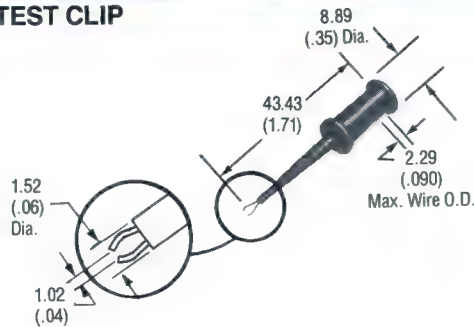


POMONA

SMD MICRO TEST CLIPS

DO-IT-YOURSELF SMD GRABBER® TEST CLIP

The SMD Grabber® Test Clip is especially suited for testing surface mounted packages on centers as small as 0.76mm (.030). Pincer-like contact grasps individual legs of SMD's such as the SOIC, SOJ, PCC, etc. Its circular design and small size have been developed for easy use and handling.



MODEL

5243-*

LIST 1.65

(Pkg. 10 Per Color)

DO-IT-YOURSELF SMD GRABBER® KITS



MODEL	Features	LIST per Kit
5231-*	Kit contains 2 pcs. of 5243.	3.55
5520	Kit contains 10 pcs. of 5243, one of each color.	14.85

*STD COLORS: -02 one Black and one Red, -00 two Black, -11 two Brown, -22 two Red, -33 two Orange, -44 two Yellow, -55 two Green, -66 two Blue, -77 two Violet, -88 two Gray, -99 two White.

SMD GRABBER® TEST CLIP WITH 0.64mm (.025) SQUARE PIN

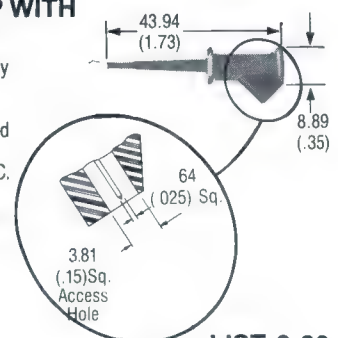
1ST END: Contact, stainless steel, selectively gold plated.

INSULATION: Glass filled nylon.

2ND END: Square pin, phosphor bronze, gold plated.

RATING: 1000 WVDC; 0.5 Amps; +102°C. (+216°F.) Max.

*STD COLORS: -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL

5360

LIST 2.00

SMD GRABBER® TEST CLIP, ONE END ONLY



MODEL	Length	LIST
5303-8-*	203.2 (8.0)	3.65
5303-12-*	304.8 (12.0)	3.65
5303-24-*	609.6 (24.0)	3.65
5303-36-*	914.4 (36.0)	3.65

1ST END: SMD Grabber® Test Clip. Contact, selectively gold plated stainless steel. Insulation; glass filled nylon.
WIRE: 22 AWG, 26x36 t.c., PVC insulated, 1.63mm (.064) O.D.

2ND END: None.

RATING: 1000 WVDC; 0.5 Amps; +102°C. (+216°F.) Max.

*STD COLORS: -0 Black, -2 Red.

SMD GRABBER® TEST CLIP TO STACKING BANANA PLUG



MODEL	Length	LIST
5302-12-*	304.8 (12.0)	4.95
5302-24-*	609.6 (24.0)	4.95
5302-36-*	914.4 (36.0)	4.95

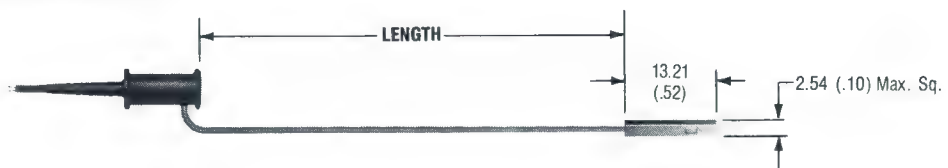
1ST END: SMD Grabber® Test Clip. Contact, selectively gold plated stainless steel. Insulation; glass filled nylon.
WIRE: 22 AWG, 26x36 t.c., PVC insulated, 1.63mm (.064) O.D.

2ND END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Polypropylene insulation.

RATING: 1000 WVDC; 0.5 Amps; +55°C. (+131°F.) Max.

*STD COLORS: -0 Black, -2 Red.

SMD GRABBER® TEST CLIP TO 0.64mm (.025) SQ. PIN RECEPTACLE



MODEL	Length	LIST
5412-12-*	304.8 (12.0)	5.15
5412-24-*	609.6 (24.0)	5.15
5412-36-*	914.4 (36.0)	5.15

1ST END: SMD Grabber® Test Clip. Contact, selectively gold plated stainless steel. Insulation; glass filled nylon.
WIRE: 22 AWG, 26x36 t.c., PVC insulated, 1.63mm (.064) O.D.

2ND END: 0.64 mm (.025) Square Pin Receptacle. Gold plated phosphor bronze. ABS insulation.

RATING: 1000 WVDC; 0.5 Amps; +50°C. (+122°F.) Max.

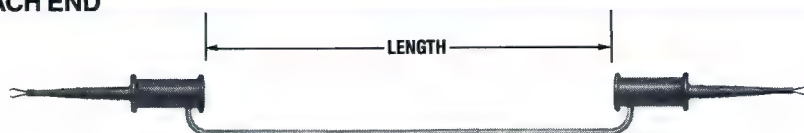
*STD COLORS: -0 Black, -2 Red.

POMONA

SMD MICRO TEST CLIPS

SMD GRABBER® TEST CLIP, EACH END

MODEL	Length	LIST
5301-6-*	152.4 (6.0)	5.30
5301-12-*	304.8 (12.0)	5.30
5301-24-*	609.6 (24.0)	5.30
5301-36-*	914.4 (36.0)	5.30

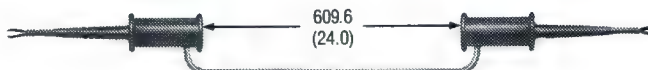


1ST END: SMD Grabber® Test Clip. Contact, selectively gold plated stainless steel. Insulation; glass filled nylon.
WIRE: 22 AWG, 26×36 t.c., PVC insulated, 1.63mm (.064) O.D.

2ND END: Same as first end.
RATING: 1000 WVDC; 0.5 Amps; +102°C. (+216°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

SMD GRABBER® TEST CLIP PATCH CORD KIT

Kit contains 10 pcs.
 of Model 5301-24.
 1 of each color.



MODEL
5521

LIST 47.70 KIT

SMD GRABBER® TEST CLIP TO RETRACTABLE SHEATH BANANA PLUG

MODEL	Length	LIST
5362-8*	203.2 (8.0)	8.00
5362-12*	304.8 (12.0)	8.00
5362-24*	609.6 (24.0)	8.00
5362-36*	914.4 (36.0)	8.00
5362-48*	1219.2 (48.0)	8.20
5362-60*	1524.0 (60.0)	8.40

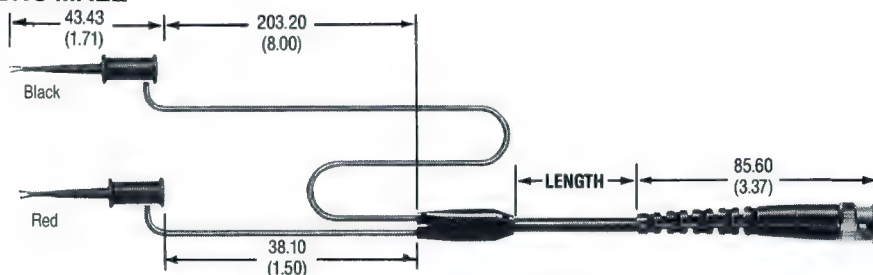


1ST END: SMD Grabber® Test Clip. Contact, selectively gold plated stainless steel. Insulation; glass filled nylon.
WIRE: 22 AWG, 26×36 t.c., PVC insulated, 1.63mm (.064) O.D.

2ND END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; nylon.
RATING: 1000 WVDC; 0.5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

SMD GRABBER® TEST CLIPS TO BNC MALE

MODEL	Length	LIST
5304-K-24	609.6 (24.0)	18.35
5304-K-36	914.4 (36.0)	18.35

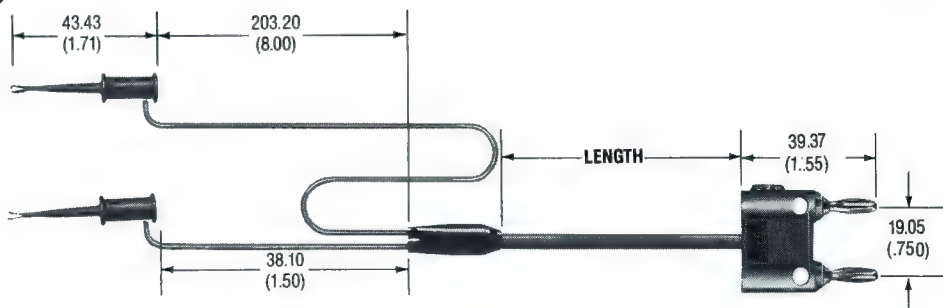


1ST END: SMD Grabber® Test Clips. Contact, selectively gold plated stainless steel. Insulation; glass filled nylon. One black and one red.
CABLE: Shielded coax., RG 174/U, 2.54mm (.100) O.D. Y-Mold insulation, PVC, black.

2ND END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Boot, PVC, black.
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

SMD GRABBER® TEST CLIPS TO DOUBLE BANANA PLUG

MODEL	Length	LIST
5411-C-24	609.6 (24.0)	16.85
5411-C-36	914.4 (36.0)	17.45
5411-C-48	1219.2 (48.0)	18.05
5411-C-60	1524.0 (60.0)	18.65



1ST END: SMD Grabber® Test Clips. Contact, selectively gold plated stainless steel. Insulation; glass filled nylon. One black and one red.
CABLE: Shielded coax., RG 58C/U, 4.95mm (.195) O.D. Y-Mold insulation, PVC, black.

2ND END: Double Banana Plug. Nickel plated brass body, beryllium copper spring. Black polyethylene insulation.
RATING: 1000 WVDC; 0.5 Amps; +55°C. (+131°F.) Max.

POMONA

MINIPINCER® TEST CLIPS

DO-IT-YOURSELF MINIPINCER® TEST CLIP

This clip utilizes a snap-on cap and a solder contact to provide reliable connections. The lower contact has a pincer type action ideally suited for testing standard DIP packages.

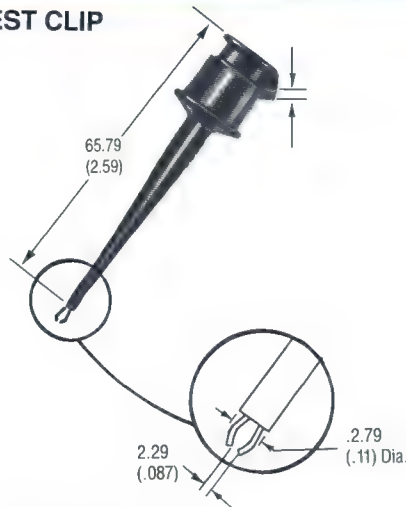
MATERIAL: Beryllium copper contact.

FINISH: Selectively gold plated.

INSULATION: Nylon.

RATING: 1000 WVDC; 5 Amps; +80°C. (+176°F.) Max.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL

5418-*

LIST 1.50

MINIPINCER® TEST CLIP WITH 0.64 (.025) SQUARE PIN

This clip has similar pincer contact as Model 5418 (above) and includes recessed 0.64mm (.025) square pin in cap.

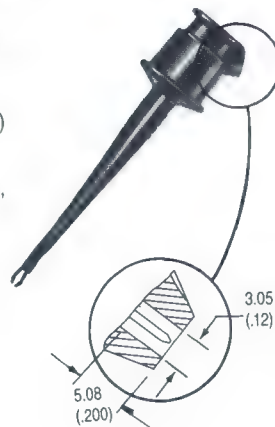
1ST END: Contact, beryllium copper, selectively gold plated.

INSULATION: Nylon.

2ND END: Square pin.

RATING: 1000 WVDC, 3 Amps +80°C. (+176°F.) Max.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL

5430-*

LIST 3.50

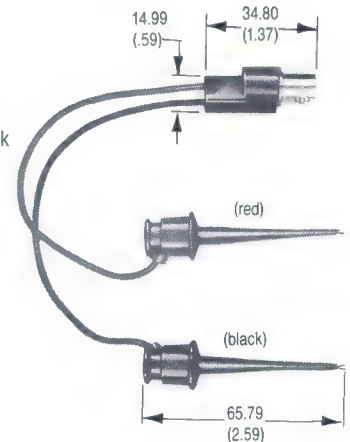
BNC FEMALE TO MINIPINCER® TEST CLIPS

1ST END: BNC Female. Tarnish resistant plated brass body. Gold plated beryllium copper center contact. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 (.087) O.D. One black and one red.

2ND END: Minipincer™ Test Clips. Selectively gold plated beryllium copper contact. Nylon insulation. One black and one red.

RATING: 500 VRMS; +55°C. (+131°F.) Max.



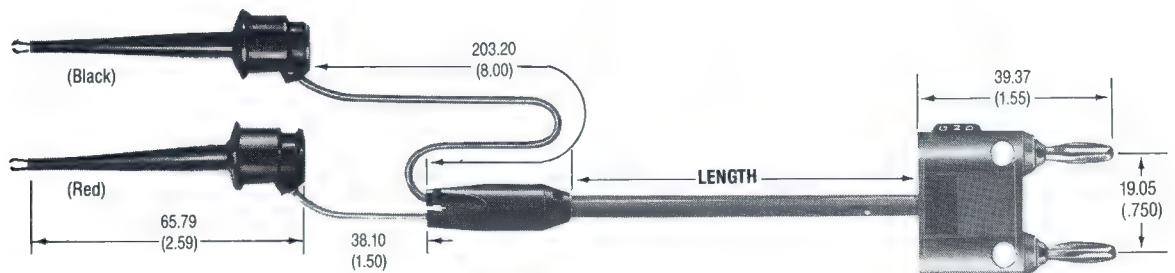
OVERALL LENGTH: 177.8 (7.0).

MODEL

5424

LIST 8.75

MINIPINCER® TEST CLIPS TO DOUBLE BANANA PLUG



MODEL	Length	LIST
5422-C-18	457.2 (18.0)	13.05
5422-C-24	609.6 (24.0)	13.35
5422-C-36	914.4 (36.0)	13.95
5422-C-48	1219.2 (48.0)	14.55
5422-C-60	1524.0 (60.0)	15.15

1ST END: Minipincer™ Test Clips. Selectively gold plated beryllium copper contact. Nylon insulation. One black and one red.

CABLE: Shielded coaxial, RG 58C/U, 4.95mm (.195) O.D. Y-Mold insulation; PVC, black.

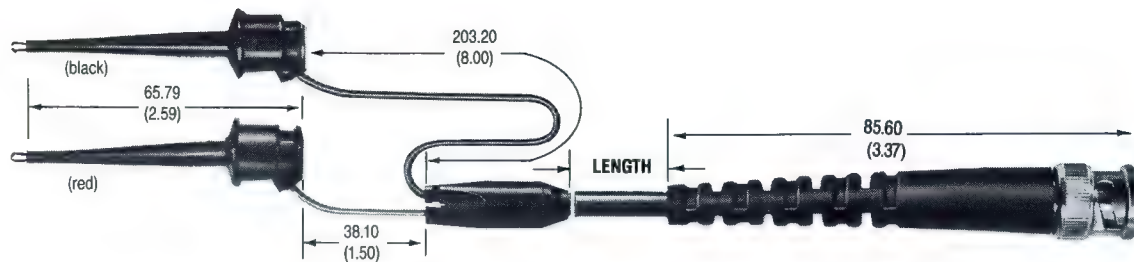
2ND END: Double Banana Plug. Nickel plated brass body, beryllium copper spring. Black polyethylene insulation.

RATING: 1000 WVDC, +50°C. (+122°F.) Max.

POMONA

MINIPINCER® TEST CLIPS

MINIPINCER® TEST CLIPS TO BNC MALE



MODEL	Length	LIST
5423-C-18	457.2 (18.0)	13.35
5423-C-24	609.6 (24.0)	13.65
5423-C-36	914.4 (36.0)	14.25
5423-C-48	1219.2 (48.0)	14.85
5423-C-60	1524.0 (60.0)	15.45

1ST END: Minipincer™ Test Clips. Selectively gold plated beryllium copper contact. Nylon insulation. One black and one red.
CABLE: Shielded coaxial, RG 58C/U, 4.95mm (.195) O.D. Y-Mold insulation; PVC, black.

2ND END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Boot; PVC, black.
RATING: 500 VRMS, + 50°C. (+ 122°F.) Max.

MINIPINCER® TEST CLIP, EACH END

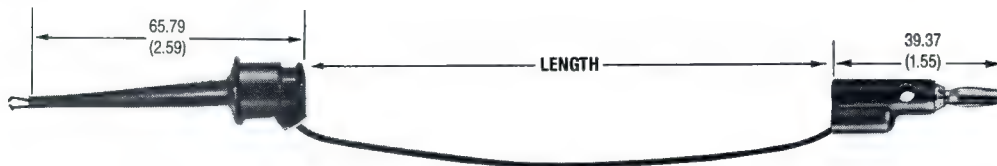


MODEL	Length	LIST
5419-8-*	203.2(8.0)	3.70
5419-12-*	304.8(12.0)	3.75
5419-18-*	457.2(18.0)	3.85
5419-24-*	609.6(24.0)	3.95
5419-36-*	914.4(36.0)	4.15
5419-48-*	1219.2(48.0)	4.35
5419-60-*	1524.0(60.0)	4.55

1ST END: Minipincer™ Test Clip. Selectively gold plated beryllium copper contact. Nylon insulation.
WIRE: 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.
2ND WIRE: Same as first end.

RATING: 1000 WVDC; 5 Amps; +80°C. (+176°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MINIPINCER® TEST CLIP TO STACKING BANANA PLUG



MODEL	Length	LIST
5421-12-*	304.8(12.0)	3.75
5421-24-*	609.6(24.0)	3.95
5421-36-*	914.4(36.0)	4.15
5421-48-*	1219.2(48.0)	4.35
5421-60-*	1524.0(60.0)	4.55

1ST END: Minipincer™ Test Clip. Selectively gold plated beryllium copper contact. Nylon insulation.
WIRE: 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.

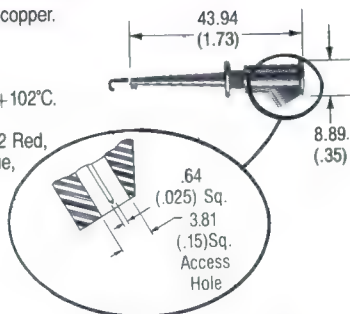
2ND END: Stacking Banana Plug. Nickel plated brass body, beryllium copper spring. Polypropylene insulation.
RATING: 1000 WVDC, 5 Amps, + 55°C. (+ 131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

POMONA

MICROGRABBER® TEST CLIPS

MICROGRABBER® TEST CLIP WITH 0.64 mm (.025) SQUARE PIN

MATERIAL: Contact, beryllium copper.
Square pin, phosphor bronze.
FINISH: Gold plated.
INSULATION: Glass filled nylon.
RATING: 1000 WVDC; 3 Amps; +102°C.
(+216°F.) Max.
***STD COLORS:** -0 Black, -1 Brown, -2 Red,
-3 Orange, -4 Yellow, -5 Green, -6 Blue,
-7 Violet, -8 Gray, -9 White.



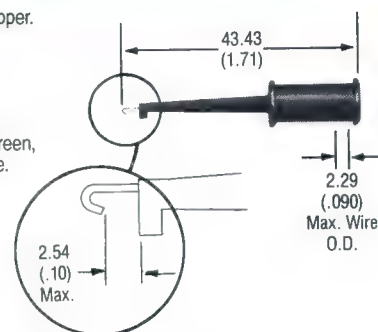
LIST 2.30

MODEL

4521-*

DO-IT-YOURSELF MICROGRABBER® TEST CLIP

MATERIAL: Contact, beryllium copper.
FINISH: Gold plated.
INSULATION: Glass filled nylon.
RATING: 1000 WVDC; 3 Amps;
+102°C. (+216°F.) Max.
***STD COLOR:** -0 Black, -1 Brown,
-2 Red, -3 Orange, -4 Yellow, -5 Green,
-6 Blue, -7 Violet, -8 Gray, -9 White.



(See
assembly
details,
page 76.)

LIST 1.25 EA.

(Pkg. Ten Per Color)

DO-IT-YOURSELF MICROGRABBER® TEST CLIP KITS

MODEL	Features	LIST per Kit
4743-*	Kit contains 2 pcs. of 4233.	3.05
5524	Kit contains 10 pcs. of 4233, one of each color.	11.00

***STD COLORS:** -02 one Black
and one Red, -00 two Black,
-11 two Brown, -22 two Red,
-33 two Orange, -44 two Yellow,
-55 two Green, -66 two Blue,
-77 two Violet, -88 two Gray,
-99 two White.



MICROGRABBER® TEST CLIP, EACH END

MODEL	Length	LIST
4613-12*	304.8 (12.0)	4.95
4613-24*	609.6 (24.0)	4.95
4613-36*	914.4 (36.0)	4.95
4613-48*	1219.2 (48.0)	5.15

1ST END: Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

2ND END: Same as first end.
RATING: 1000 WVDC; 3 Amps; +102°C. (+216°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MICROGRABBER® TEST CLIP PATCH CORD KIT

Kit contains 10 pcs.
of Model 4613-24.
1 of each color.

MODEL
5525

LIST 44.55 KIT

MICROGRABBER® TEST CLIP, ONE END ONLY

MODEL	Length	LIST
5043-8-*	203.2 (8.0)	3.60
5043-12-*	304.8 (12.0)	3.60
5043-24-*	609.6 (24.0)	3.60
5043-36-*	914.4 (36.0)	3.80
5043-48-*	1219.2 (48.0)	4.00

1ST END: Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

2ND END: None.
RATING: 1000 WVDC; 3 Amps; +102°C. (+216°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MICROGRABBER® TEST CLIP TO STACKING BANANA PLUG

MODEL	Length	LIST
5053-12-*	304.8 (12.0)	4.85
5053-24-*	609.6 (24.0)	4.85
5053-36-*	914.4 (36.0)	4.85
5053-48-*	1219.2 (48.0)	5.05
5053-60-*	1524.0 (60.0)	5.25

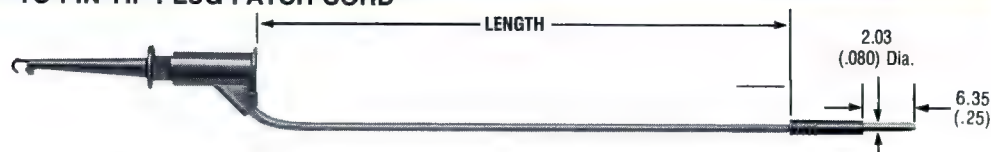
1ST END: Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.
2ND END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Polypropylene insulation.

RATING: 1000 WVDC; 3 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

POMONA

MICROGRABBER® TEST CLIP PATCH CORDS

MICROGRABBER® TEST CLIP TO PIN TIP PLUG PATCH CORD

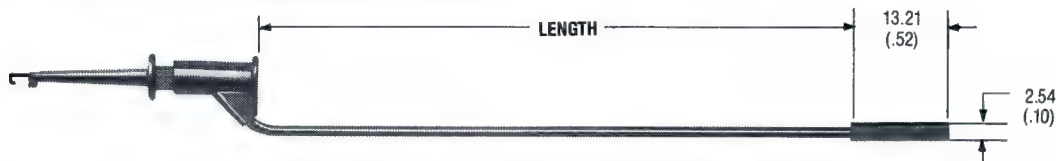


MODEL	Length	LIST
4716-12*	304.8(12.0)	4.55
4716-24*	609.6(24.0)	4.55
4716-36*	914.4(36.0)	4.55

1ST END: Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.
WIRE: 22 AWG 26×36 t.c., PVC insulated, 2.21mm (.087) O.D.

2ND END: Pin tip plug. Brass, gold plated. Insulation; polypropylene.
RATING: 1000 WVDC, 3 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MICROGRABBER® TEST CLIP TO 0.64mm (.025) SQUARE PIN RECEPTACLE

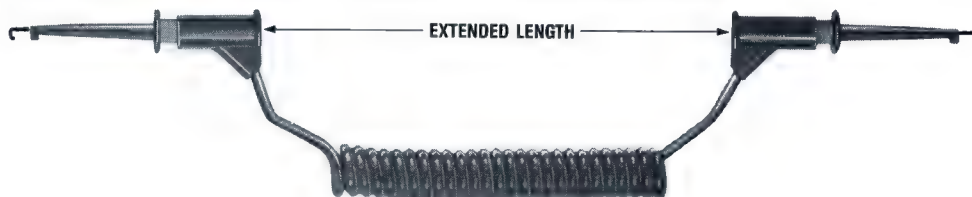


MODEL	Length	LIST
4919-12*	304.8 (12.0)	4.30
4919-24*	609.6 (24.0)	4.30
4919-36*	914.4 (36.0)	4.30

1ST END: Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.
WIRE: 22 AWG 26×36 t.c., PVC insulated, 1.63mm (.064) O.D.
2ND END: 0.64mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation, ABS.

RATING: 1000 WVDC, 3 Amps; +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MICROGRABBER® TEST CLIP, EACH END WITH RETRACTILE (COILED) CORD



MODEL	Length	LIST
5200-36*	914.4(36.0)	9.10
5200-48*	1219.2(48.0)	10.00
5200-60*	1524.0(60.0)	10.90

Permits the use of one size patch cord in place of many various lengths. (Replaces Model 5160)

1ST END: Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.
WIRE: 26 AWG, 10×36 non-tinned copper, polyurethane insulated, 2.24mm (.088) O.D.

2ND END: Same as first end.
RATING: 1000 WVDC, 3 Amps; +80°C. (+176°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MICROGRABBER® TEST CLIP TO RETRACTABLE SHEATH BANANA PLUG

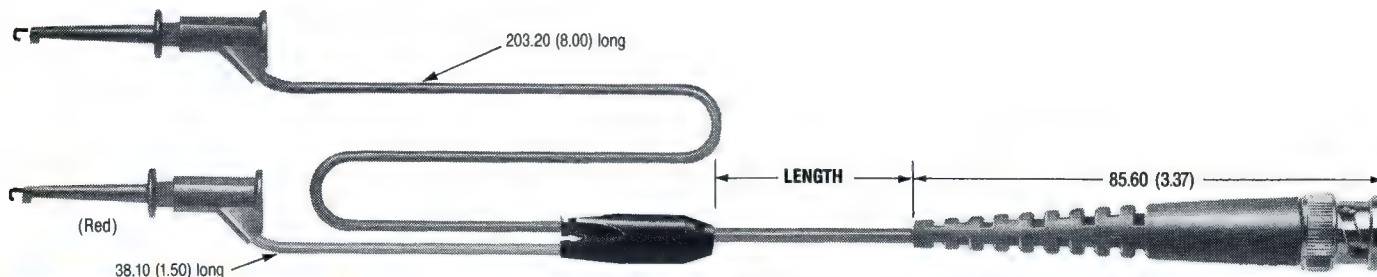


MODEL	Length	LIST
5339-8*	203.2(8.0)	6.85
5339-12*	304.8(12.0)	6.85
5339-24*	609.6(24.0)	6.85
5339-36*	914.4(36.0)	6.85
5339-48*	1219.2(48.0)	7.05
5339-60*	1524.0(60.0)	7.25

1ST END: Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.
WIRE: 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.

2ND END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, nylon.
RATING: 1000 WVDC, 3 Amps; +80°C. (+176°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MICROGRABBER® TEST CLIPS TO BNC MALE



RG 58C/U	LIST	RG 174/U	Length	LIST
4777-C-24	13.95	4777-K-24	609.6 (24.0)	20.15
4777-C-36	14.55	4777-K-36	914.4 (36.0)	20.15
4777-C-48	15.15	4777-K-48	1219.2 (48.0)	20.75
4777-C-60	15.75	4777-K-60	1524.0 (60.0)	21.35

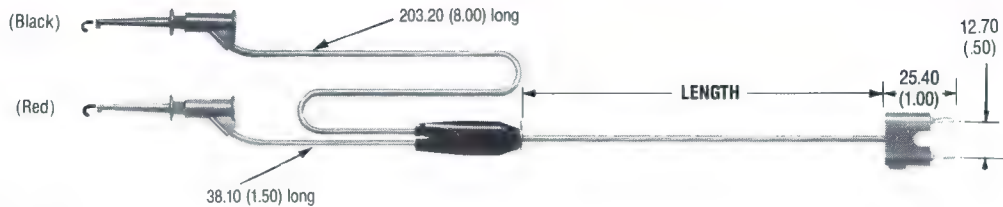
1ST END: Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon. One black and one red.
CABLE: Shielded coax., RG 58C/U, 4.95mm (.195) O.D. or RG 174/U 2.54mm (.100) O.D. Y-Mold insulation: PVC, black.

2ND END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Boot, PVC, black.
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

POMONA

MICROGRABBER® TEST CLIP PATCH CORDS

MICROGRABBER® TEST CLIPS TO MINIATURE DOUBLE BANANA PLUG

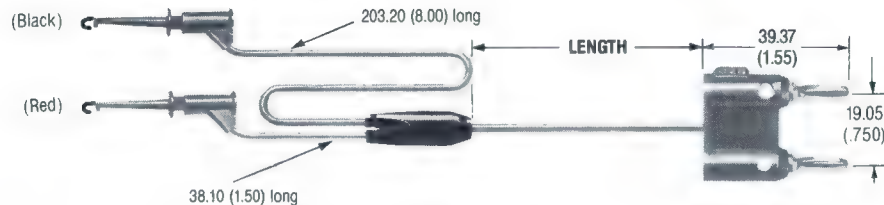


MODEL	Length	LIST
4776-K-24	609.6 (24.0)	16.65
4776-K-36	914.4 (36.0)	16.65
4776-K-48	1219.2 (48.0)	17.25
4776-K-60	1524.0 (60.0)	17.85

1ST END: Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon. One black and one red.
CABLE: Shielded coax., RG 174/U 2.54mm (.100) O.D.
 Y-Mold insulation: PVC, black.

2ND END: Double Miniature Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polyethylene, black.
RATING: 1000 WVDC; +50°C. (+122°F.) Max.

MICROGRABBER® TEST CLIPS TO DOUBLE BANANA PLUG

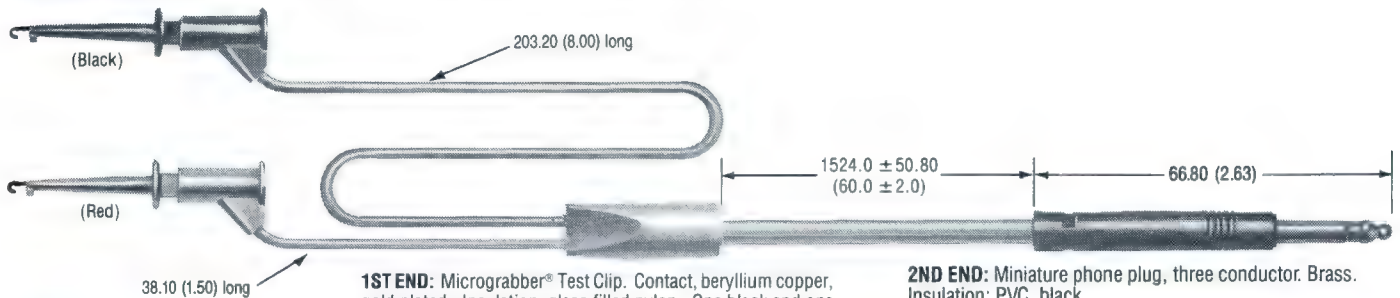


MODEL	Length	LIST
4768-K-24	609.6 (24.0)	15.05
4768-K-36	914.4 (36.0)	15.05
4768-K-48	1219.2 (48.0)	15.65
4768-K-60	1524.0 (60.0)	16.25

1ST END: Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon. One black and one red.
CABLE: Shielded coax., RG 174/U 2.54mm (.100) O.D.
 Y-Mold insulation: PVC, black.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, black.
RATING: 1000 WVDC; +50°C. (+122°F.) Max.

MICROGRABBER® TEST CLIPS TO MINIATURE PHONE PLUG



MODEL
4778-60

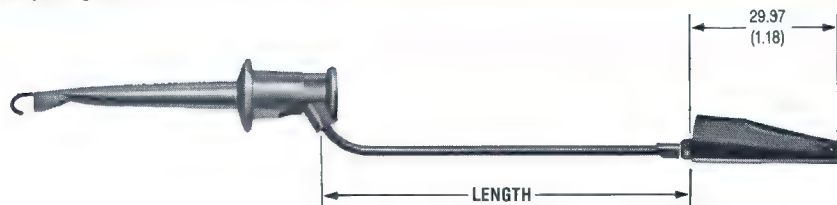
1ST END: Micrograbber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon. One black and one red.
CABLE: Two cond. shielded, 22 AWG, 7 x 30 t.c., 4.57(.180) O.D. Y-mold insulation, PVC, gray.

2ND END: Miniature phone plug, three conductor. Brass. Insulation; PVC, black.
WIRING: Tip to red Micrograbber, ring to black, sleeve, no connection.
RATING: 500 V Peak; + 50°C. (+ 122°F.) Max.

LIST 32.75

MINIGRABBER® TEST CLIP PATCH CORDS

MINIGRABBER® TEST CLIP TO MINIGATOR



MODEL	Length	LIST
4652-12-*	304.8 (12.0)	4.55
4652-24-*	609.6 (24.0)	4.55
4652-36-*	914.4 (36.0)	4.55
4652-48-*	1219.2 (48.0)	4.75

1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

2ND END: Minigator. Steel, cadmium plated. Insulation; Vinyl.
RATING: 3000 WVDC; 5 Amps; + 50°C. (+ 122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

POMONA

MINIGRABBER® TEST CLIPS

DO-IT-YOURSELF MINIGRABBER® TEST CLIP

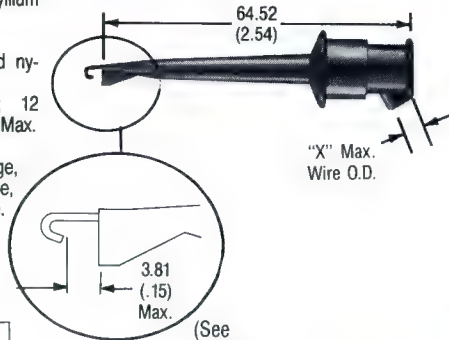
MATERIAL: Contact, beryllium copper.

FINISH: Gold plated.

INSULATION: Glass filled nylon.

RATING: 3000 WVDC; 12 Amps; +102°C. (+216°F.) Max.

***STD COLOR:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL	"X" Dia.
3925-*	2.29 (.090)
4555-*	3.66 (.144)

(See assembly details, page 76.)

LIST 1.20 EA.
(Pkg. Ten Per Color)

MINIGRABBER® TEST CLIP WITH 0.64 mm (.025) SQUARE PIN

MATERIAL: Contact, beryllium copper.

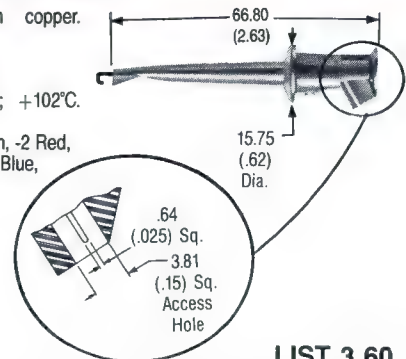
Square pin, phosphor bronze.

FINISH: Gold plated.

INSULATION: Glass filled nylon.

RATING: 2500 WVDC; 3 Amps; +102°C. (+216°F.) Max.

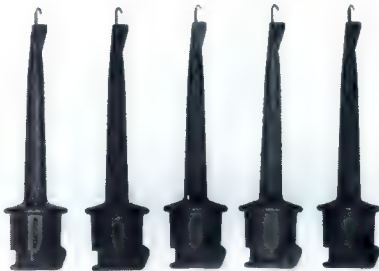
***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL
4587-*

LIST 3.60

DO-IT-YOURSELF MINIGRABBER® TEST CLIP KITS



MODEL	Features	LIST per Kit
4176-*	Kit contains 2 pcs of 3925.	2.75
5522	Kit contains 10 pcs. of 3925, one of each color.	11.00

***STD COLORS:** -02 one Black and one Red, -00 two Black, -11 two Brown, -22 two Red, -33 two Orange, -44 two Yellow, -55 two Green, -66 two Blue, -77 two Violet, -88 two Gray, -99 two White.

MINIGRABBER® TEST CLIP WITH 6-32 THREAD

This Grabber test clip can be used with oscilloscope leads equipped with a 6-32 screw.

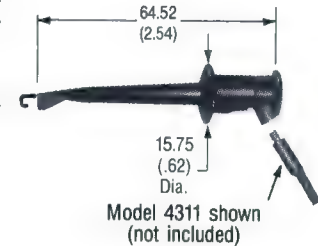
MATERIAL: Contact, beryllium copper. Threaded insert, brass.

FINISH: Contact, gold plated.

INSULATION: Glass filled nylon.

RATING: 3000 WVDC, 12 Amps, +102°C. (+216°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



MODEL
4011-*

LIST 2.85

6-32 SCREW-ON TIP

Can be crimped or soldered to wire. Supplied with shrink sleeving. Mates with Model 4011.

MATERIAL: Brass.

FINISH: Nickel plated.

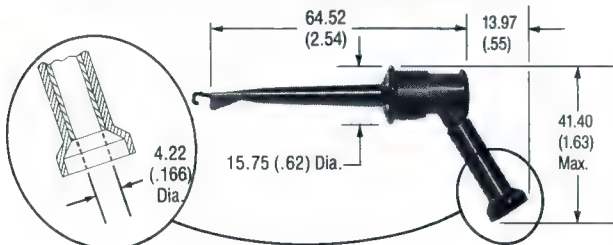
INSULATION: Shrink sleeving.



MODEL
4311

LIST 2.25

MINIGRABBER® TEST CLIP WITH BANANA JACK



This Minigrabber® test clip has a standard banana jack built right into the plunger. Excellent for attaching the Grabber test clip directly to the end of a banana plug patch cord.

1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated.

INSULATION: Glass filled nylon.

2ND END: Banana jack. Brass, nickel plated.

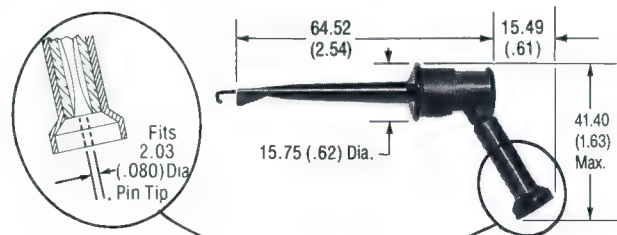
RATING: 3000 WVDC; 12 Amps; +102°C. (+216°F.) Max.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

MODEL
4723-*

LIST 3.75

MINIGRABBER® TEST CLIP WITH PIN JACK



This Minigrabber® test clip has a pin jack built right into the plunger. Excellent for attaching the Grabber test clip directly to the end of a pin tip patch cord or it can be used as an adapter for miniature test probes with 2.03mm (.080) tips.

1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated.

INSULATION: Glass filled nylon.

2ND END: Pin jack. Spring, beryllium copper, gold plated.

RATING: 2500 WVDC; 5 Amps; +102°C. (+216°F.) Max.

***STD COLORS:** -0 Black, -2 Red, -9 White.

MODEL
4826-*

LIST 5.15

POMONA

MINIGRABBER® TEST CLIP PATCH CORDS

MINIGRABBER® TEST CLIP ONE END ONLY

MODEL	Length	LIST
3780-8-*	203.2 (8.0)	2.00
3780-12-*	304.8 (12.0)	2.00
3780-24-*	609.6 (24.0)	2.00
3780-36-*	914.4 (36.0)	2.00
3780-48-*	1219.2 (48.0)	2.20
3780-60-*	1524.0 (60.0)	2.40



1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.
WIRE: 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.
2ND END: None.

RATING: 3000 WVDC; 5 Amps; +102°C. (+216°F.) Max.
***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.
****STD COLORS:** -0 Black, -2 Red.

MINIGRABBER® TEST CLIP EACH END

MODEL	Length	LIST
3781-8-*	203.2 (8.0)	3.05
3781-12-*	304.8 (12.0)	3.05
3781-18-*	457.2 (18.0)	3.05
3781-24-*	609.6 (24.0)	3.05
3781-36-*	914.4 (36.0)	3.05
3781-48-*	1219.2 (48.0)	3.25
3781-60-*	1524.0 (60.0)	3.45

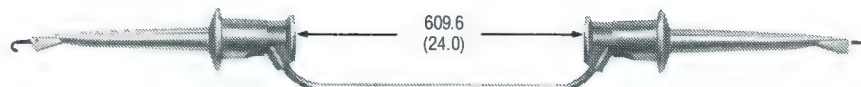


1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.
WIRE: 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.
2ND END: Same as first end.

RATING: 3000 WVDC; 5 Amps; +102°C. (+216°F.) Max.
***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

MINIGRABBER® TEST CLIP PATCH CORD KIT

Kit contains 10 pcs.
of Model 3781-24.
1 of each color.



MODEL
5523

LIST 27.45 KIT

MINIGRABBER® TEST CLIP TO RETRACTABLE SHEATH BANANA PLUG

MODEL	Length	LIST
5270-12-*	304.8 (12.0)	5.70
5270-24-*	609.6 (24.0)	5.70
5270-36-*	914.4 (36.0)	5.70
5270-48-*	1219.2 (48.0)	5.90
5270-60-*	1524.0 (60.0)	6.10



1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.
WIRE: 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.
2ND END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, nylon.

RATING: 1200 V AC/DC; 5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MINIGRABBER® TEST CLIP TO STACKING BANANA PLUG

MODEL	Length	LIST
3782-12-*	304.8 (12.0)	3.05
3782-24-*	609.6 (24.0)	3.05
3782-36-*	914.4 (36.0)	3.05
3782-48-*	1219.2 (48.0)	3.25
3782-60-*	1524.0 (60.0)	3.45



1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.
WIRE: 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.
2ND END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Polypropylene insulation.

RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

MINIGRABBER® TEST CLIP TO STACKING MINIATURE BANANA PLUG

MODEL	Length	LIST
3784-12-*	304.8 (12.0)	3.75
3784-24-*	609.6 (24.0)	3.75
3784-36-*	914.4 (36.0)	3.75
3784-48-*	1219.2 (48.0)	3.95
3784-60-*	1524.0 (60.0)	4.15



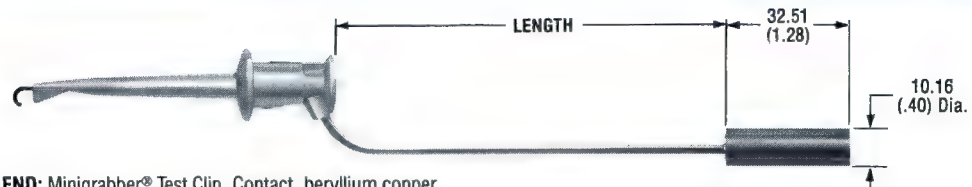
1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.
WIRE: 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.
2ND END: Stacking Miniature Banana Plug. Brass body, beryllium copper spring, gold plated, Polypropylene insulation.

RATING: 2500 WVDC; 5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

POMONA

MINIGRABBER® TEST CLIP PATCH CORDS

MINIGRABBER® TEST CLIP TO IN-LINE BANANA JACK



1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

WIRE: 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.

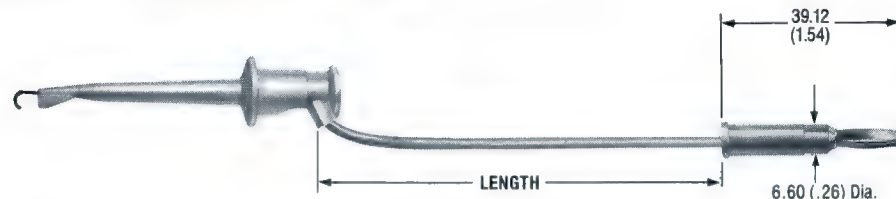
2ND END: In-line Banana Jack. Brass, nickel plated. Insulation, polypropylene.

RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

MODEL	Length	LIST
4649-12-*	304.8 (12.0)	4.80
4649-24-*	609.6 (24.0)	4.80
4649-36-*	914.4 (36.0)	4.80
4649-48-*	1219.2 (48.0)	5.00

MINIGRABBER® TEST CLIP TO IN-LINE BANANA PLUG



1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

WIRE: 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.

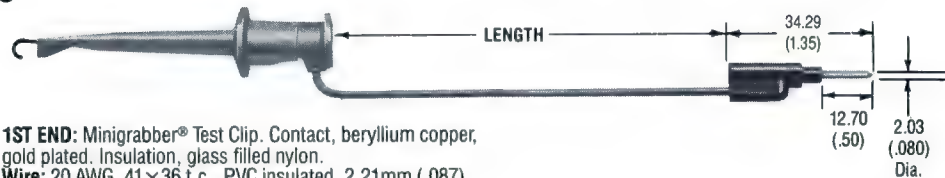
2ND END: In-line Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.

RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

MODEL	Length	LIST
4650-12-*	304.8 (12.0)	4.20
4650-24-*	609.6 (24.0)	4.20
4650-36-*	914.4 (36.0)	4.20
4650-48-*	1219.2 (48.0)	4.40
4650-60-*	1524.0 (60.0)	4.60

MINIGRABBER® TEST CLIP TO STACKING PIN TIP PLUG



1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

WIRE: 20 AWG, 41×36 t.c., PVC insulated, 2.21mm (.087) O.D.

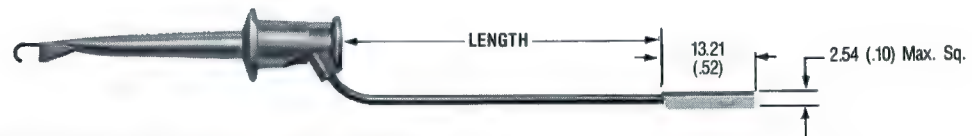
2ND END: Stacking Pin Tip Plug. Brass body, beryllium copper spring, gold plated. Insulation, polypropylene.

RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

MODEL	Length	LIST
3785-12-*	304.8 (12.0)	4.30
3785-24-*	609.6 (24.0)	4.30
3785-36-*	914.4 (36.0)	4.30
3785-48-*	1219.2 (48.0)	4.50
3785-60-*	1524.0 (60.0)	4.70

MINIGRABBER® TEST CLIP TO 0.64 mm (.025) SQUARE PIN RECEPTACLE



1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

WIRE: 22 AWG, 26×36 t.c., PVC insulated, 1.63mm (.064) O.D.

2ND END: 0.64mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation, ABS.

RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

MODEL	Length	LIST
3783-12-*	304.8 (12.0)	3.60
3783-24-*	609.6 (24.0)	3.60
3783-36-*	914.4 (36.0)	3.60

MINIGRABBER® TEST CLIP, ONE END ONLY WITH RETRACTABLE (COILED) CORD



1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.

WIRE: 20 AWG, 42×36 t.c., PVC insulated, 3.71mm (.146) O.D.

2ND END: None.

RATING: 3000 VDC Int.; 270 VDC, 90 VAC cont. duty; 5 Amps; +60°C. (+140°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

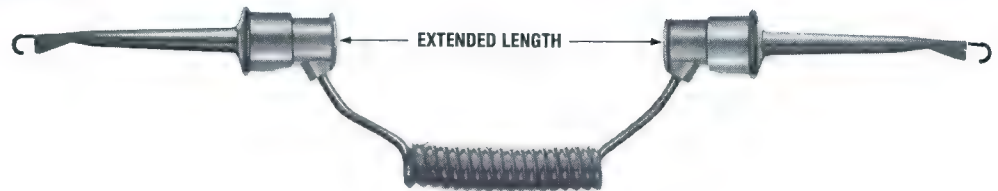
LIST 8.00

MODEL
4536-*

POMONA

MINIGRABBER® TEST CLIP PATCH CORDS

MINIGRABBER® TEST CLIP EACH END WITH RETRACTILE (COILED) CORD

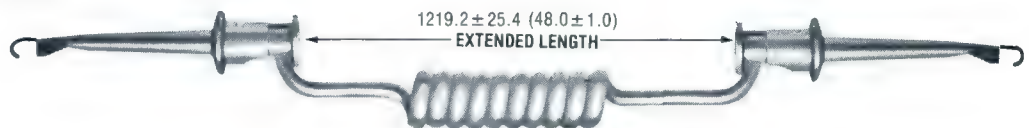


MODEL	Length	LIST
5201-36-*	914.4 (36.0)	9.15
5201-48-*	1219.2 (48.0)	10.05
5201-60-*	1524.0 (60.0)	10.95

Permits the use of one size patch cord in place of many various lengths. (Replaces Model 5161)
1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, nylon.
WIRE: 26 AWG, 10×36 non-tinned copper, polyurethane insulated, 2.24mm (.088) O.D.

2ND END: Same as first end.
RATING: 1000 WVDC; 3 Amps; +80°C. (+176°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MINIGRABBER® TEST CLIP, EACH END WITH RETRACTILE (COILED) CORD



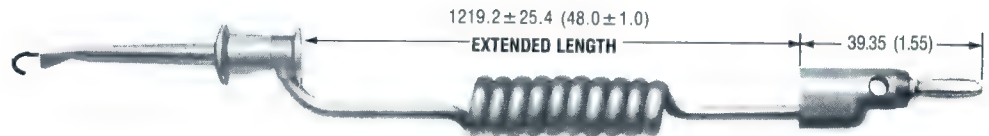
MODEL
4537-*

1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.
WIRE: 20 AWG, 42×36 t.c., PVC insulated, 3.71mm (.146) O.D.

2ND END: Same as first end.
RATING: 3000 VDC Int.; 270 VDC, 90 VAC cont. duty; 5 Amps; +60°C. (+140°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

LIST 10.10

MINIGRABBER® TEST CLIP TO STACKING BANANA PLUG WITH RECTRACTILE (COILED) CORD



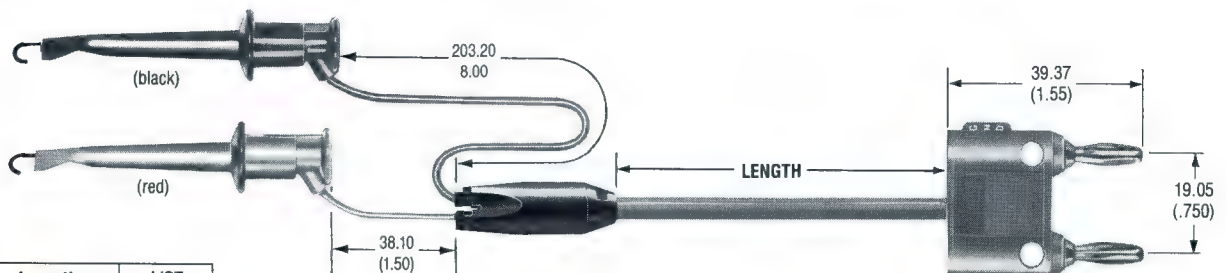
MODEL
4538-*

1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon.
WIRE: 20 AWG, 42×36 t.c., PVC insulated, 3.71mm (.146) O.D.

2ND END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Polypropylene insulation.
RATING: 3000 VDC Int.; 270 VDC, 90 VAC cont. duty; 5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

LIST 9.00

MINIGRABBER® TEST CLIPS TO DOUBLE BANANA PLUG



MODEL	Length	LIST
3786-C-18	457.2 (18.0)	12.15
3786-C-24	609.6 (24.0)	12.15
3786-C-36	914.4 (36.0)	12.15
3786-C-48	1219.2 (48.0)	12.75
3786-C-60	1524.0 (60.0)	13.35

1ST END: Minigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation, glass filled nylon. One black and one red.

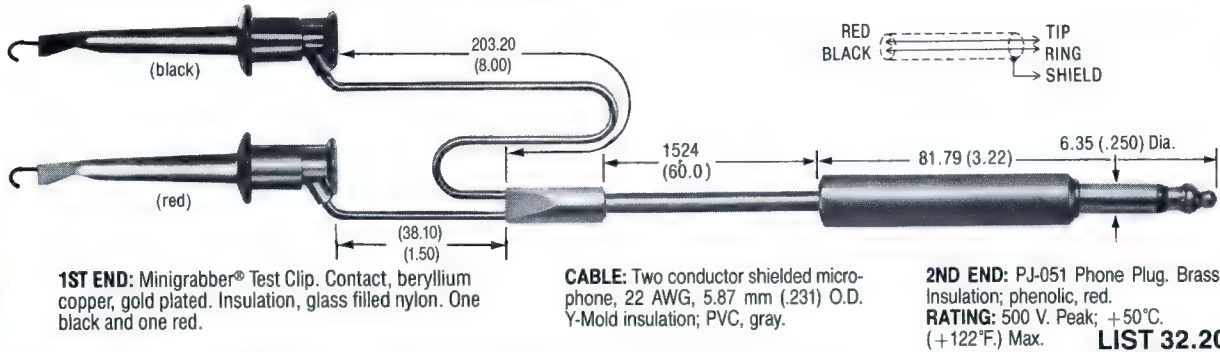
CABLE: Shielded coax., RG 58C/U, 4.95 mm (.195) O.D., Y-Mold Insulation. PVC, Black.

2ND END: Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, black.
RATING: 1400 VRMS; +50°C. (+122°F.) Max.

POMONA

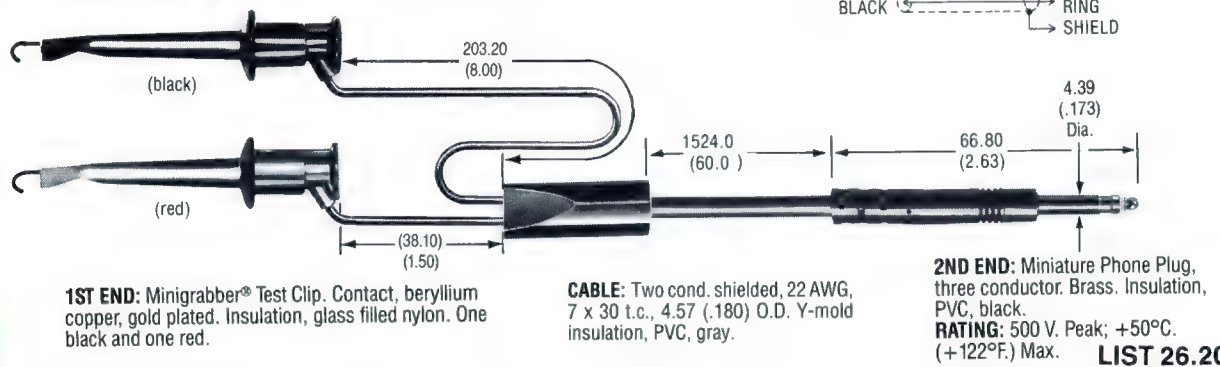
MINIGRABBER® TEST CLIP PATCH CORDS

MINIGRABBER® TEST CLIPS TO PJ-051 (WE310) PHONE PLUG



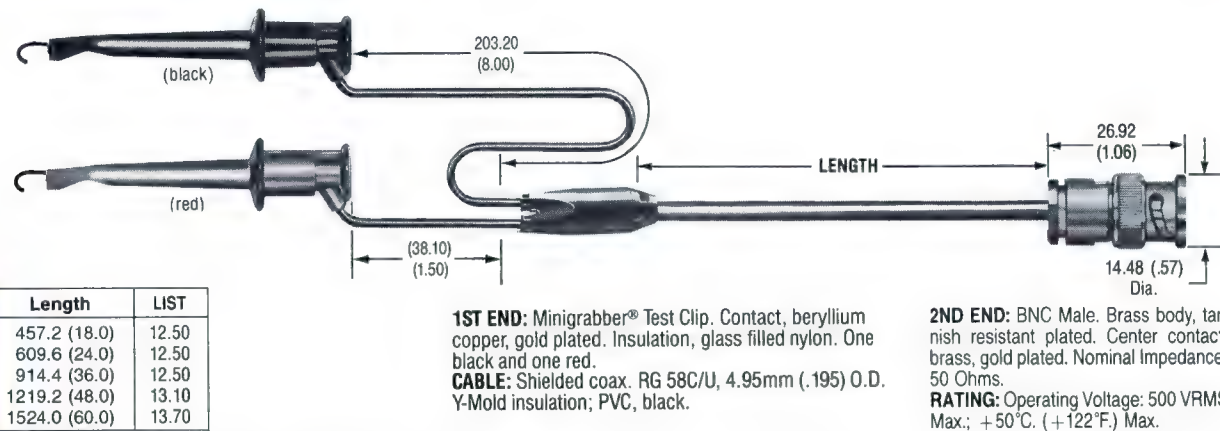
MODEL
4812-J-60

MINIGRABBER® TEST CLIP TO MINIATURE PHONE PLUG



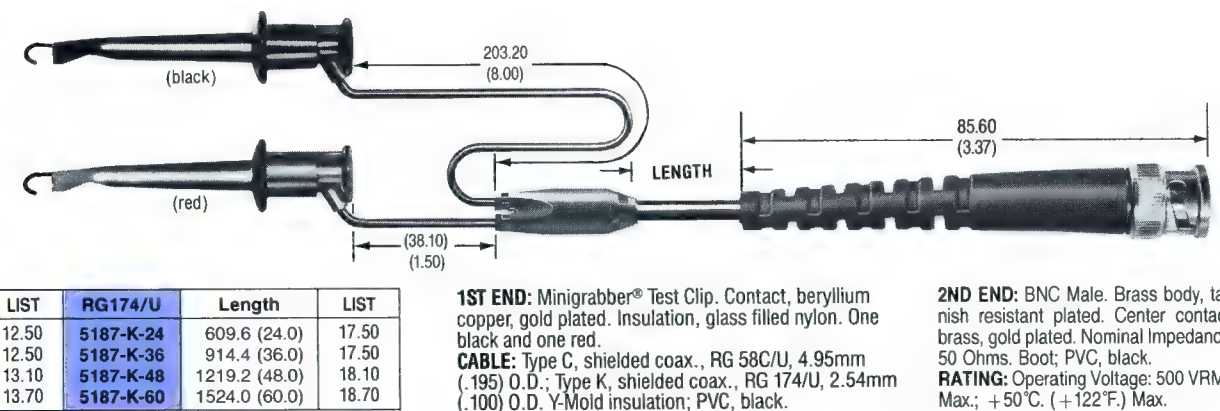
MODEL
5019-60

MINIGRABBER® TEST CLIPS TO BNC MALE



MODEL	Length	LIST
3787-C-18	457.2 (18.0)	12.50
3787-C-24	609.6 (24.0)	12.50
3787-C-36	914.4 (36.0)	12.50
3787-C-48	1219.2 (48.0)	13.10
3787-C-60	1524.0 (60.0)	13.70

MINIGRABBER® TEST CLIPS TO BNC MALE



RG58C/U	LIST	RG174/U	Length	LIST
5187-C-24	12.50	5187-K-24	609.6 (24.0)	17.50
5187-C-36	12.50	5187-K-36	914.4 (36.0)	17.50
5187-C-48	13.10	5187-K-48	1219.2 (48.0)	18.10
5187-C-60	13.70	5187-K-60	1524.0 (60.0)	18.70

POMONA

MAXIGRABBER® TEST CLIPS

DO-IT-YOURSELF MAXIGRABBER® TEST CLIP

The Maxigrabber® test clip is an extended do-it-yourself Grabber test clip designed specifically for high-rise packaging of electronic components where depth of testing point is a key factor. The Maxigrabber® test clip will fit entry holes as small as 6.35 mm (.250) dia. and the unit is completely field serviceable.

MATERIAL: Contact, beryllium copper.

FINISH: Gold plated.

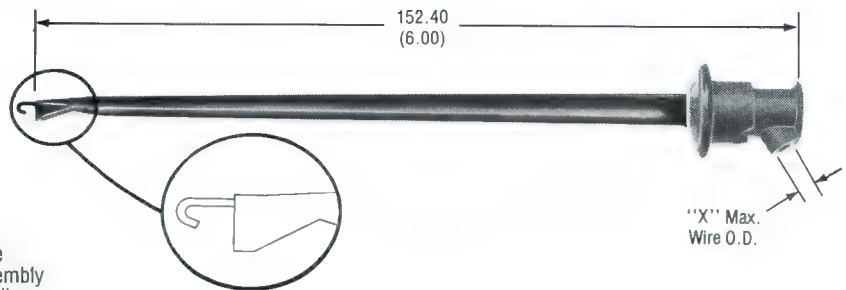
INSULATION: Glass filled nylon.

RATING: 3000 WVDC; 12 Amps; + 102°C. (+216°F.) Max.

***STD COLOR:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

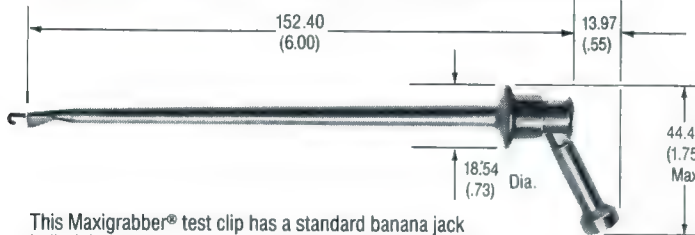
MODEL	"X" Dia.
4225-*	2.29 (.090)
4565-*	3.66 (.144)

(See assembly details, page 76.)



LIST 3.25

MAXIGRABBER® TEST CLIP WITH BANANA JACK



This Maxigrabber® test clip has a standard banana jack built right into the plunger. Excellent for attaching the Grabber test clip directly to the end of a banana plug patch cord.

1ST END: Maxigrabber® Test Clip. Contact, beryllium copper, gold plated.

INSULATION: Glass filled nylon.

2ND END: Banana jack. Brass, nickel plated.

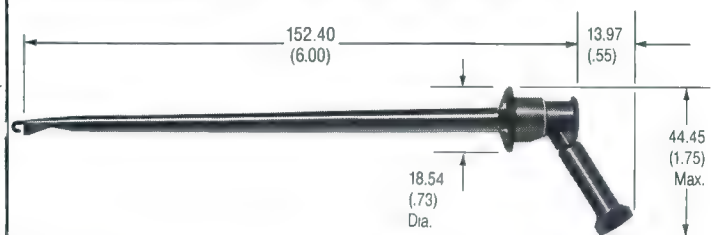
RATING: 3000 WVDC; 12 Amps; + 102°C. (+216°F.) Max.

***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

MODEL
4724-*

LIST 5.45

MAXIGRABBER® TEST CLIP WITH PIN JACK



This Maxigrabber® test clip has a pin jack built right into the plunger. Excellent for attaching the Grabber test clip directly to the end of a pin tip patch cord.

1ST END: Maxigrabber® Test Clip. Contact, beryllium copper, gold plated.

INSULATION: Glass filled nylon.

2ND END: Pin jack. Spring, beryllium copper, gold plated.

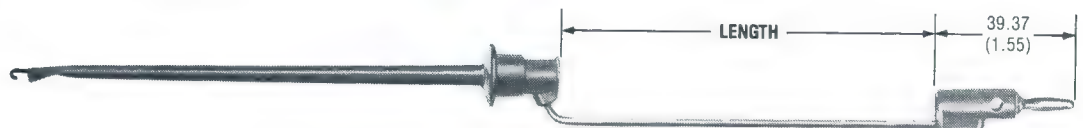
RATING: 3000 WVDC; 5 Amps; + 102°C. (+216°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

MODEL
4827-*

LIST 6.60

MAXIGRABBER® TEST CLIP TO STACKING BANANA PLUG



MODEL	Length	LIST
4996-12-*	304.8 (12.0)	7.75
4996-24-*	609.6 (24.0)	7.75
4996-36-*	914.4 (36.0)	7.75
4996-48-*	1219.2 (48.0)	7.95
4996-60-*	1524.0 (60.0)	8.15

1ST END: Maxigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon.

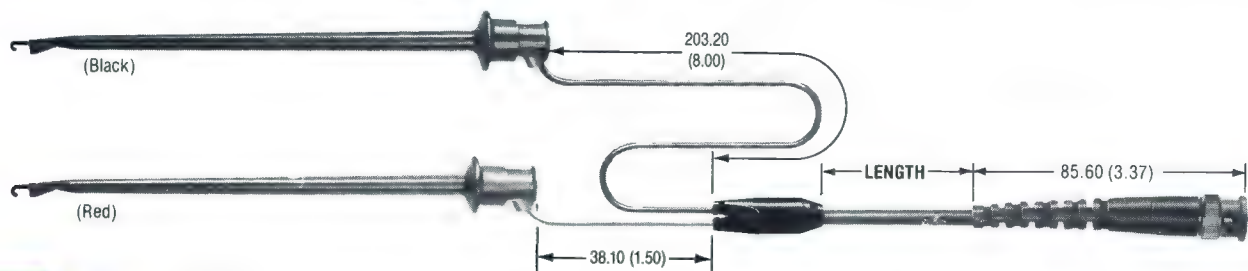
WIRE: 20 AWG, 41×36 l.c., PVC insulated, 2.21mm (.087) O.D.

2ND END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.

RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

MAXIGRABBER® TEST CLIPS TO BNC MALE



MODEL	Length	LIST
4648-C-18	457.2 (18.0)	19.55
4648-C-24	609.6 (24.0)	19.55
4648-C-36	914.4 (36.0)	19.55
4648-C-48	1219.2 (48.0)	20.15
4648-C-60	1524.0 (60.0)	20.75

1ST END: Maxigrabber® Test Clip. Contact, beryllium copper, gold plated. Insulation; glass filled nylon. One black and one red.

CABLE: Shielded coax., RG 58C/U, 4.95mm (.195) O.D. Y-Mold insulation; PVC, black.

2ND END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Boot: PVC, black.

RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

POMONA

STANDARD BANANA PLUG PATCH CORDS

STACKING STANDARD BANANA PLUG EACH END

Multiple stacking feature accommodates the most complex stacking; keeps circuitry neater. Greatly simplifies circuit connections and changes. Reliable solderbonded connections withstand pull test in excess of 50 lbs.

MODEL	Length	LIST
B-4-*	101.6 (4.0)	3.30
B-8-*	203.2 (8.0)	3.30
B-12-*	304.8 (12.0)	3.30
B-18-*	457.2 (18.0)	3.30
B-24-*	609.6 (24.0)	3.30
B-36-*	914.4 (36.0)	3.30
B-48-*	1219.2 (48.0)	3.50
B-60-*	1524.0 (60.0)	3.75
B-72-*	1829.0 (72.0)	4.00

FINISH: Nickel plated.

*STD COLORS: -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.



MODEL	Length	LIST
2948-12-*	304.8 (12.0)	5.75
2948-24-*	609.6 (24.0)	5.75
2948-36-*	914.4 (36.0)	5.75
2948-48-*	1219.2 (48.0)	5.95
2948-60-*	1524.0 (60.0)	6.15

FINISH: Gold plated.

*STD COLORS: -0 Black, -2 Red.

1ST END: Stacking Banana Plug. Brass body, beryllium copper spring. Insulation, polypropylene.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.

RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

LOW COST BANANA PLUG

Low cost Banana Plug is also available as a Do-It-Yourself version, Model 5750 (page 20).



MODEL	Length	LIST
5732-24-*	609.6 (24.0)	2.60
5732-48-*	1219.2 (48.0)	2.75

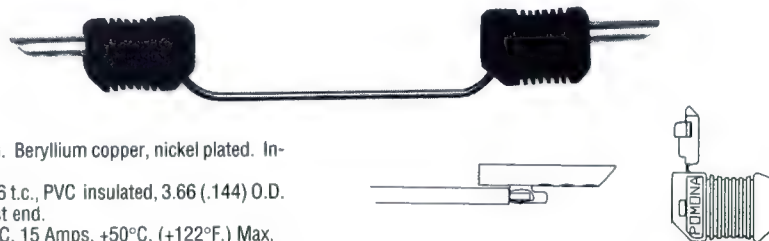
1ST END: Banana Plug. Beryllium copper, nickel plated. Insulation, nylon.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.

RATING: 1200 V AC DC. 15 Amps. +50°C. (+122°F.) Max.

*STD COLORS: -0 Black, -2 Red.



HORIZONTAL STACKING BANANA PLUG EACH END

MODEL	Length	LIST
1440-8-*	203.2 (8.0)	4.90
1440-12-*	304.8 (12.0)	4.90
1440-18-*	457.2 (18.0)	4.90
1440-24-*	609.6 (24.0)	4.90
1440-36-*	914.4 (36.0)	4.90
1440-48-*	1219.2 (48.0)	5.10
1440-60-*	1524.0 (60.0)	5.30

Ideal as an interconnecting lead between power supplies, test equipment, etc. Horizontal stacking feature.

1ST END: Banana Plug. Brass body, beryllium copper spring. Insulation, polypropylene.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.

RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

*STD COLORS: -0 Black, -2 Red.



EXTENSION STACKING BANANA PLUG EACH END

Dual purpose. Insulates all hot leads when used as an extension cord. Endless extension couplings possible with any banana plug patch cord.

MODEL	Length	LIST
HB-4-**	101.6 (4.0)	5.25
HB-8-**	203.2 (8.0)	5.25
HB-12-**	304.8 (12.0)	5.25
HB-18-**	457.2 (18.0)	5.25
HB-24-**	609.6 (24.0)	5.25
HB-36-**	914.4 (36.0)	5.25
HB-48-**	1219.2 (48.0)	5.45
HB-60-**	1524.0 (60.0)	5.65

1ST END: Extension Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.

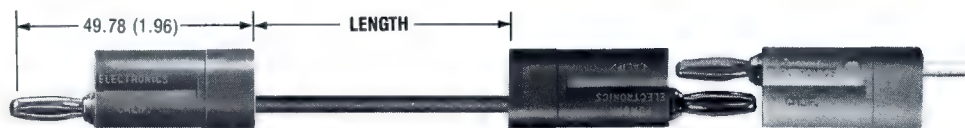
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.

RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

*STD COLORS: -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

**STD COLORS: -0 Black, -2 Red.



BANANA PLUG EACH END

MODEL	Length	LIST
1985-4-*	101.6 (4.0)	4.35
1985-8-*	203.2 (8.0)	4.35
1985-12-*	304.8 (12.0)	4.35
1985-18-*	457.2 (18.0)	4.35
1985-24-*	609.6 (24.0)	4.35
1985-36-*	914.4 (36.0)	4.35
1985-48-*	1219.2 (48.0)	4.55
1985-60-*	1524.0 (60.0)	4.75

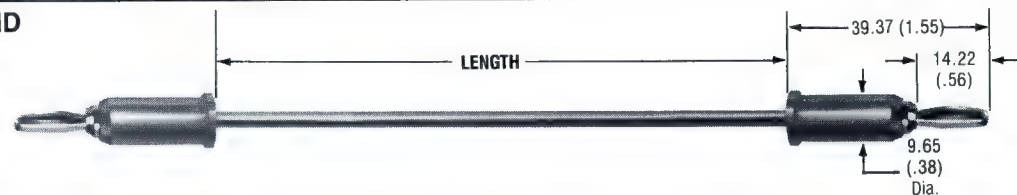
1ST END: Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.

RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.

*STD COLORS: -0 Black, -2 Red.

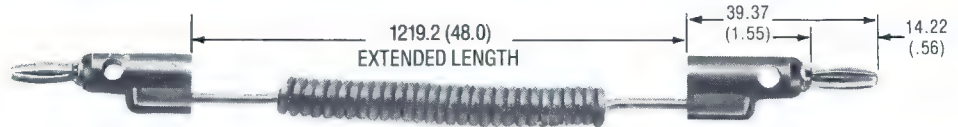


POMONA

STANDARD BANANA PLUG PATCH CORDS

STACKING BANANA PLUG EACH END ON RETRACTILE (COILED) CORD

Permits the use of one size patch cord in place of many various lengths.



1ST END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.
WIRE: 20 AWG, 42 x 36 t.c., PVC insulated, 3.71 (.146) O.D.

2ND END: Same as first end.
RATING: 3000 VDC Int., 270 VDC, 90 VAC cont. duty, 5 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MODEL	LIST
2484-*	9.05

IN-LINE BANANA PLUG EACH END



Designed for recessed banana jacks with access hole 6.91 (.272) dia.

1ST END: In-line Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.
RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MODEL	Length	LIST
4585-12-*	304.8 (12.0)	4.85
4585-24-*	609.6 (24.0)	4.85
4585-36-*	914.4 (36.0)	4.85
4585-48-*	1219.2 (48.0)	5.05
4585-60-*	1524.0 (60.0)	5.25

BANANA PLUG TO IN-LINE BANANA JACK



Dual purpose. Insulates all hot leads when used as an extension cord. Endless extension couplings possible with any banana plug patch cord.

1ST END: Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: In-line Banana Jack. Brass, nickel plated. Insulation, polypropylene.
RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MODEL	Length	LIST
4702-12-*	304.8 (12.0)	4.50
4702-18-*	457.2 (18.0)	4.50
4702-24-*	609.6 (24.0)	4.50
4702-36-*	914.4 (36.0)	4.50
4702-48-*	1219.2 (48.0)	4.70
4702-60-*	1524.0 (60.0)	4.90

INSULATED SPADE LUG TO BANANA PLUG



1ST END: Spade Lug. Brass, nickel plated. Insulation, Polypropylene.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.
RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MODEL	Length	LIST
1987-12-*	304.8 (12.0)	4.75
1987-24-*	609.6 (24.0)	4.75
1987-36-*	914.4 (36.0)	4.75
1987-48-*	1219.2 (48.0)	4.95
1987-60-*	1524.0 (60.0)	5.15

INSULATED SPADE LUG TO STACKING BANANA PLUG

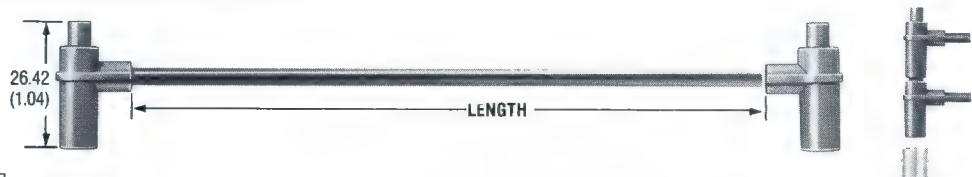


1ST END: Spade Lug. Brass, nickel plated. Insulation, polypropylene.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.
RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MODEL	Length	LIST
1370-12-*	304.8 (12.0)	4.75
1370-24-*	609.6 (24.0)	4.75
1370-36-*	914.4 (36.0)	4.75
1370-48-*	1219.2 (48.0)	4.95
1370-60-*	1524.0 (60.0)	5.15

"PUSH-ON" STACKING BNC MALE EACH END



1ST END: Push-on Stacking BNC Male. Contact, beryllium copper, gold plated. Insulation, polypropylene.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

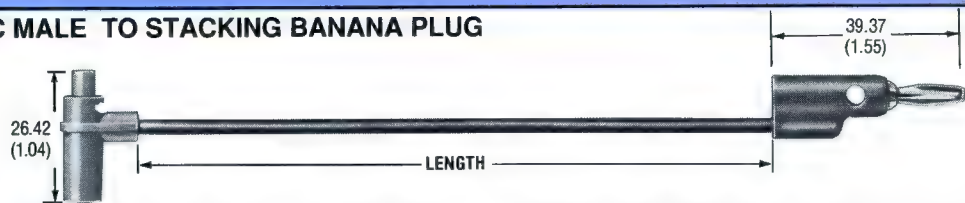
2ND END: Same as first end.
RATING: 500 VRMS, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MODEL	Length	LIST
3201-12-*	304.8 (12.0)	8.40
3201-36-*	914.4 (36.0)	8.55

POMONA

PATCH CORDS

"PUSH-ON" STACKING BNC MALE TO STACKING BANANA PLUG



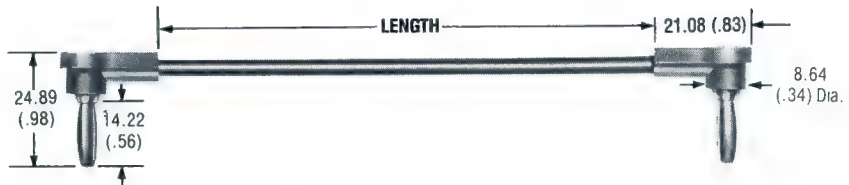
MODEL	Length	LIST
3202-18-*	457.2 (18.0)	6.05
3202-36-*	914.4 (36.0)	6.30

1ST END: Push-on Stacking BNC Male. Contact, beryllium copper, gold plated. Insulation, Polypropylene.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.
RATING: 500 VRMS, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

RIGHT ANGLE BANANA PLUG EACH END

Designed for use where vertical space is limited. Right angle plug features concave ribbed top and oversized shoulder for ease of connect and disconnect in tight places.



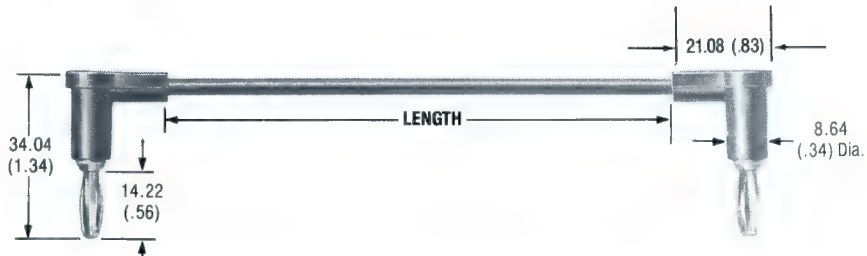
MODEL	Length	LIST
4567-4-*	101.6 (4.0)	6.05
4567-8-*	203.2 (8.0)	6.05
4567-12-*	304.8 (12.0)	6.05
4567-18-*	457.2 (18.0)	6.05
4567-24-*	609.6 (24.0)	6.05

1ST END: Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.
RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

STACKING RIGHT ANGLE BANANA PLUG EACH END

Vertical stacking feature allows endless circuit connections and the right angle design keeps wires close to the chassis. An oversized shoulder allows easy connect and disconnect.

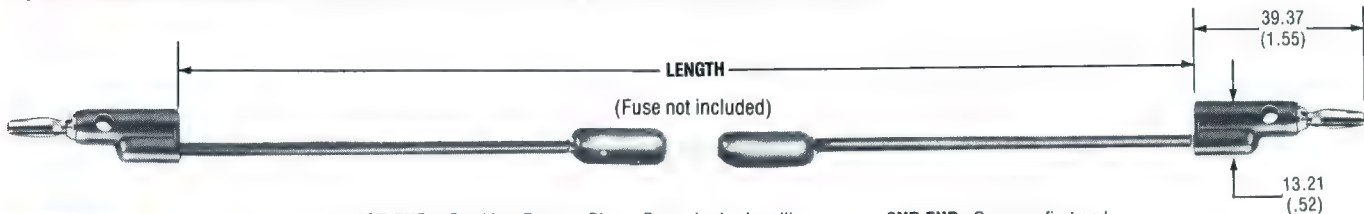


MODEL	Length	LIST
2864-4-*	101.6 (4.0)	6.00
2864-8-*	203.2 (8.0)	6.00
2864-12-*	304.8 (12.0)	6.00
2864-18-*	457.2 (18.0)	6.00
2864-24-*	609.6 (24.0)	6.00
2864-36-*	914.4 (36.0)	6.00
2864-48-*	1219.2 (48.0)	6.20
2864-60-*	1524.0 (60.0)	6.40

1ST END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.
RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

STACKING BANANA PLUG EACH END WITH IN-LINE FUSE HOLDER

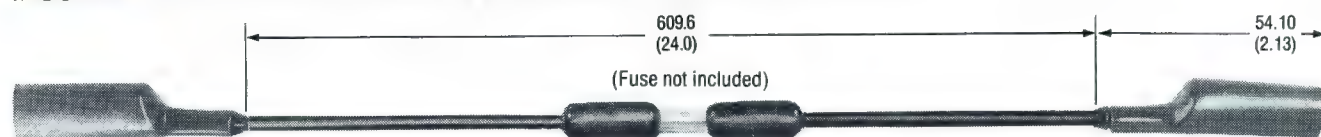


MODEL	Length	LIST
4274-24-*	609.6 (24.0)	8.55
4274-36-*	914.4 (36.0)	8.55

1ST END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.
 Fuse holder, brass, tin plated. Insulation, PVC. Accepts 6.35 (.25) dia. SFE and AGC fuses (not included.)

2ND END: Same as first end.
RATING: 5000 WVDC, 15 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

INSULATED ALLIGATOR CLIP EACH END WITH IN-LINE FUSE HOLDER



MODEL	LIST
4354-24-*	10.25

1ST END: Alligator Clip. Steel, nickel plated. Insulation, vinyl.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.
 Fuse holder, brass, tin plated. Insulation, PVC. Accepts 6.35 (.25) dia. SFE and AGC fuses (not included.)

2ND END: Same as first end.
RATING: 5000 WVDC, 5 Amps, +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

POMONA

SHEATHED BANANA PLUG PATCH CORDS

FIXED SHEATHED BANANA PLUG, EACH END



MODEL	Length	LIST
4913-12*	304.8 (12.0)	4.40
4913-18*	457.2 (18.0)	4.40
4913-24*	609.6 (24.0)	4.40
4913-36*	914.4 (36.0)	4.40
4913-48*	1219.2 (48.0)	4.60

FEATURES

- No exposed metal.
- Fits models 4921, 4922, 4934 and 4987.
- 1ST END:** Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene. Tip, polypropylene, orange.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.
2ND END: Same as first end.
RATING: 1200 VAC/DC Max., 7 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

FIXED SHEATHED STACKING BANANA PLUG, EACH END

FEATURES

- No exposed metal.
- Fits models 4921, 4922, 4934 and 4987.
- Will not short out when dropped.



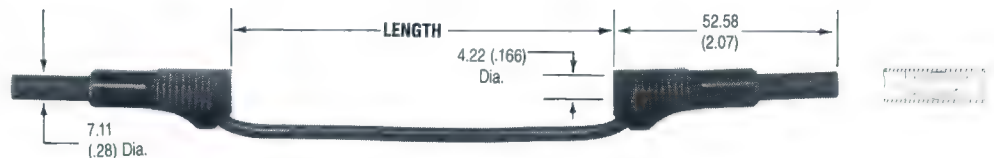
MODEL	Length	LIST
4912-12*	304.8 (12.0)	4.90
4912-18*	457.2 (18.0)	4.90
4912-24*	609.6 (24.0)	4.90
4912-36*	914.1 (36.0)	4.90

1ST END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene. Tip, polypropylene, orange.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.
RATING: 1200 VAC/DC Max., 7 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

RETRACTABLE SHEATH STACKING BANANA PLUG, EACH END

This retractable sheath banana plug has a stacking feature allowing the insertion of standard or other retractable plugs.

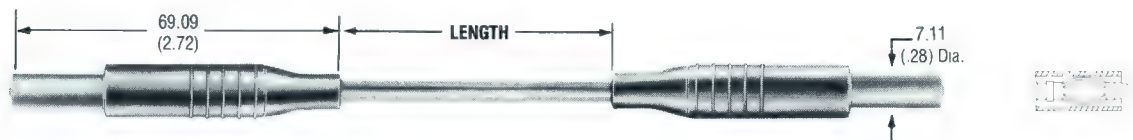


MODEL	Length	LIST
5403-12*	304.8 (12.0)	7.75
5403-24*	609.6 (24.0)	7.75
5403-36*	914.4 (36.0)	7.75
5403-48*	1219.2 (48.0)	7.95
5403-60*	1524.0 (60.0)	8.15

1ST END: Retractable Sheath Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene. Tip, polypropylene, orange.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.
RATING: 1200 VAC/DC Max., 7 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

RETRACTABLE SHEATH BANANA, EACH END



MODEL	Length	LIST
4911-12*	304.8 (12.0)	6.60
4911-18*	457.2 (18.0)	6.60
4911-24*	609.6 (24.0)	6.60
4911-36*	914.4 (36.0)	6.60
4911-48*	1219.2 (48.0)	6.80
4911-60*	1524.0 (60.0)	7.00

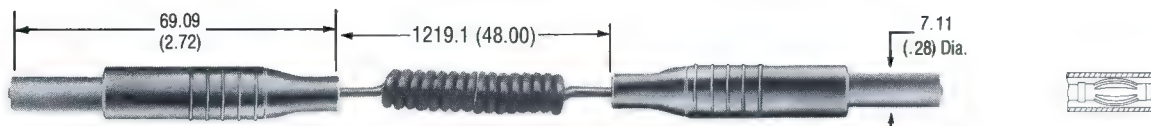
1ST END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, nylon.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: Same as first end.
RATING: 1200 VAC/DC Max., 7 Amps, +80°C. (+176°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

POMONA

RETRACTABLE SHEATH BANANA PLUGS

RETRACTABLE SHEATH BANANA , EACH END

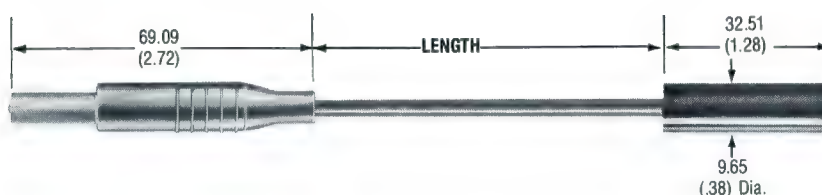


MODEL	LIST
5036-*	11.95

1ST END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, nylon.
WIRE: 20 AWG, 42 x 36 t.c., PVC insulated, 3.71 (.146) O.D.

2ND END: Same as first end.
RATING: 3000 VDC Int., 270 VDC-90 VAC cont. duty, 5 Amps, +60°C. (+140°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

RETRACTABLE SHEATH BANANA PLUG TO IN-LINE BANANA JACK

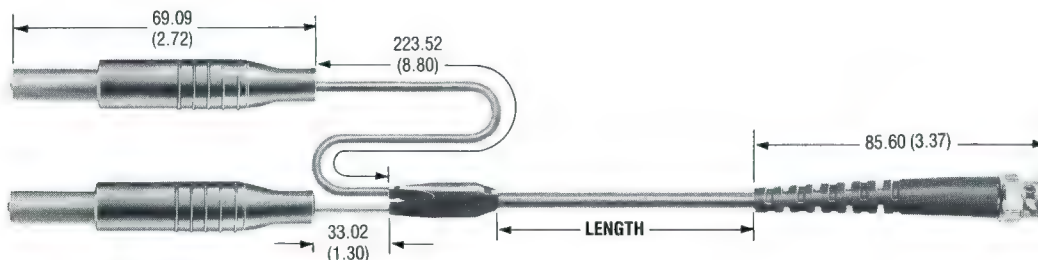


MODEL	Length	LIST
5259-12-*	304.8 (12.0)	6.05
5259-24-*	609.6 (24.0)	6.05
5259-36-*	914.4 (36.0)	6.05
5259-48-*	1219.2 (48.0)	6.25
5259-60-*	1524.0 (60.0)	6.45

1ST END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, nylon.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

2ND END: In-line Banana Jack. Brass, nickel plated. Insulation, polypropylene.
RATING: 1200 VAC/DC Max., 7 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

RETRACTABLE SHEATH BANANA PLUGS TO BNC MALE



MODEL	Length	LIST
5343-C-12	304.8 (12.0)	16.60
5343-C-24	609.6 (24.0)	16.60
5343-C-36	914.4 (36.0)	16.60
5343-C-48	1219.2 (48.0)	17.20
5343-C-60	1524.0 (60.0)	17.80

1ST END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, nylon.
CABLE: Shielded coaxial RG58C/U 4.95 (.195) O.D. Y-mold insulation, PVC, black.

2ND END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Boot, PVC, black.
RATING: 500 VRMS Max., +50°C. (+122°F.) Max.

POMONA

MINIATURE BANANA PLUG PATCH CORDS

MINIATURE STACKING BANANA PLUG EACH END



MODEL	Length	LIST
1081-4*	101.6 (4.0)	4.30
1081-8*	203.2 (8.0)	4.30
1081-12*	304.8 (12.0)	4.30
1081-18*	457.2 (18.0)	4.30
1081-24*	609.6 (24.0)	4.30
1081-36*	914.4 (36.0)	4.30
1081-48*	1219.2 (48.0)	4.50
1081-60*	1524.0 (60.0)	4.70

1ST END: Stacking Miniature Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.

WIRE: 20 AWG, 41 × 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

2ND END: Same as first end.

RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

MINIATURE STACKING RIGHT ANGLE BANANA PLUG EACH END



MODEL	Length	LIST
2860-4*	101.6 (4.0)	3.75
2860-8*	203.2 (8.0)	3.75
2860-12*	304.8 (12.0)	3.75
2860-18*	457.2 (18.0)	3.75
2860-24*	609.6 (24.0)	3.75

1ST END: Miniature Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.

WIRE: 20 AWG, 41 × 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

2ND END: Same as first end.

RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

MINIATURE BANANA PLUG EACH END



MODEL	Length	LIST
2842-4*	101.6 (4.0)	4.85
2842-8*	203.2 (8.0)	4.85
2842-12*	304.8 (12.0)	4.85
2842-18*	457.2 (18.0)	4.85
2842-24*	609.6 (24.0)	4.85
2842-36*	914.4 (36.0)	4.85
2842-48*	1219.2 (48.0)	5.05
2842-60*	1524.0 (60.0)	5.25

1ST END: Miniature Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.

WIRE: 20 AWG, 41 × 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

2ND END: Same as first end.

RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

STACKING BANANA PLUG TO MINIATURE STACKING BANANA PLUG



MODEL	Length	LIST
3014-12*	304.8 (12.0)	4.00
3014-18*	457.2 (18.0)	4.00
3014-24*	609.6 (24.0)	4.00
3014-36*	914.4 (36.0)	4.00
3014-48*	1219.2 (48.0)	4.20
3014-60*	1524.0 (60.0)	4.40

1ST END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.

WIRE: 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 (.087) O.D.

2ND END: Stacking Miniature Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.

RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

POMONA

2.03 mm (.080) PIN TIP PATCH CORDS

STACKING PIN TIP PLUG, EACH END

A must in circuit designing and testing with instruments that utilize tip jacks.



MODEL	LENGTH	LIST
P-4*	101.6(4.0)	3.95
P-8*	203.2(8.0)	3.95
P-12*	304.8(12.0)	3.95
P-18*	457.2(18.0)	3.95
P-24*	609.6(24.0)	3.95
P-36*	914.4(36.0)	3.95
P-48*	1219.2(48.0)	4.15
P-60*	1524.0(60.0)	4.35

1ST END: Stacking Pin Tip Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.
WIRE: 20 AWG. 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

2ND END: Same as first end.
RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

LOW PROFILE STACKING PIN TIP PLUG, EACH END

Excellent for low profile applications where space is at a premium.



MODEL	LENGTH	LIST
4740-4*	101.6(4.0)	5.25
4740-8*	203.2(8.0)	5.25
4740-12*	304.8(12.0)	5.25
4740-18*	457.2(18.0)	5.25
4740-24*	609.6(24.0)	5.25
4740-36*	914.4(36.0)	5.25
4740-48*	1219.2(48.0)	5.45
4740-60*	1524.0(60.0)	5.65

1ST END: Stacking Pin Tip Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated. 2.21 mm (.087) O.D.

2ND END: Same as first end.
RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

STACKING PIN TIP PLUG EXTENSION

Dual purpose, insulates exposed leads when used as an extension cord. Endless extension coupling possible. Also provides stacking from 2.03 mm (.080) jack.



MODEL	LENGTH
1727-8*	203.2(8.0)
1727-12*	304.8(12.0)
1727-18*	457.2(18.0)
1727-24*	609.6(24.0)
1727-36*	914.4(36.0)

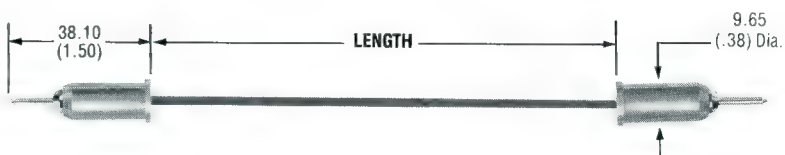
1ST END: Stacking Pin Tip Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated. 2.21 mm (.087) O.D.

2ND END: Same as first end.
RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

LIST 6.90

PIN TIP PLUG, EACH END

Heavy duty patch cord. Excellent for general lab work. Permits interconnection between test instruments that utilize tip jacks.



MODEL	LENGTH	LIST
1990-12*	304.8(12.0)	4.50
1990-18*	457.2(18.0)	4.50
1990-24*	609.6(24.0)	4.50
1990-36*	914.4(36.0)	4.50
1990-48*	1219.2(48.0)	4.70

1ST END: Pin Tip Plug. Brass, nickel plated. Insulation; polypropylene.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated. 3.66 mm (.144) O.D.

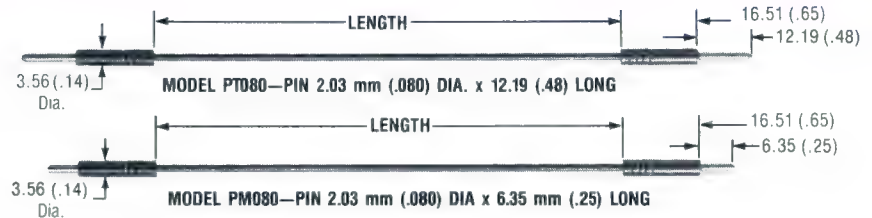
2ND END: Same as first end.
RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

POMONA

2.03 mm (.080) PIN TIP PATCH CORDS

HIGH DENSITY PIN TIP PLUG, EACH END

Small body style permits usage in equipment having receptacles spaced closely together.

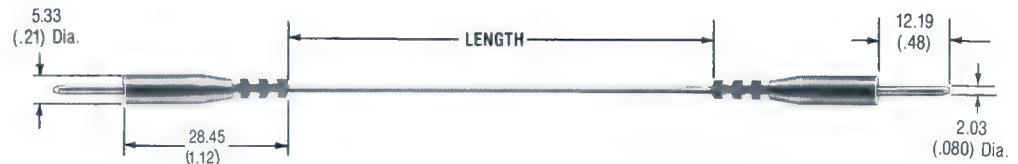


MODEL	LIST	MODEL	Length	LIST
PT080-4*	3.35	PM080-4*	101.6 (4.0)	3.25
PT080-8*	3.35	PM080-8*	203.2 (8.0)	3.25
PT080-12*	3.35	PM080-12*	304.8 (12.0)	3.25
PT080-18*	3.35	PM080-18*	457.2 (18.0)	3.25
PT080-24*	3.35		609.6 (24.0)	
PT080-36*	3.35		914.4 (36.0)	
PT080-48*	3.55		1219.2 (48.0)	
PT080-60*	3.75		1524.0 (60.0)	

1ST END: Pin Tip Plug. Brass, gold plated. Insulation; polypropylene.
WIRE: 22 AWG, 26 X 36 t.c., PVC insulated, 1.63 (.064) O.D.

2ND END: Same as first end.
RATING: 1000 WVDC; 3 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

PIN TIP PLUG, EACH END



MODEL	Length	LIST
5153-12*	304.8 (12.0)	3.70
5153-18*	457.2 (18.0)	3.70
5153-24*	609.6 (24.0)	3.70
5153-36*	914.4 (36.0)	3.70
5153-48*	1219.2 (48.0)	3.90
5153-60*	1524.0 (60.0)	4.10

1ST END: Pin Tip Plug. Brass, gold plated. Insulation; PVC.
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D.
2ND END: Same as first end.

RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

STACKING BANANA PLUG TO STACKING PIN TIP PLUG

Adapts to equipment using banana jacks and pin jacks. Banana plug and pin tip allow vertical stackup.



MODEL	LENGTH	LIST
1126-4*	101.6(4.0)	3.85
1126-8*	203.2(8.0)	3.85
1126-12*	304.8(12.0)	3.85
1126-18*	457.2(18.0)	3.85
1126-24*	609.6(24.0)	3.85
1126-36*	914.4(36.0)	3.85
1126-48*	1219.2(48.0)	4.05
1126-60*	1524.0(60.0)	4.25

1ST END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.
WIRE: 20 AWG, 41 X 36 t.c., PVC insulated. 2.21 mm (.087) O.D.

2ND END: Stacking Pin Tip Plug. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.
RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

INSULATED SPADE LUG EACH END



MODEL	Length	LIST
1743-12*	304.8 (12.0)	5.70
1743-24*	609.6 (24.0)	5.70
1743-36*	914.4 (36.0)	5.70
1743-48*	1219.2 (48.0)	5.90
1743-60*	1524.0 (60.0)	6.10

1ST END: Spade lug. Brass, nickel plated. Insulation; polypropylene.
WIRE: 18 AWG, 65 X 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

2ND END: Same as first end.
RATING: 5000 WVDC; 7 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

POMONA

PATCH CORDS

ALLIGATOR CLIP EACH END



MODEL	Length	LIST
AL-B-4*	101.6 (4.0)	3.75
AL-B-8*	203.2 (8.0)	3.75
AL-B-12*	304.8 (12.0)	3.75
AL-B-24*	609.6 (24.0)	3.75
AL-B-36*	914.4 (36.0)	3.75
AL-B-48*	1219.2 (48.0)	3.95
AL-B-60*	1524.0 (60.0)	4.15

1ST END: Alligator Clip. Steel, nickel plated. Insulation; vinyl.
WIRE: 18 AWG, 65 × 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

2ND END: Same as first end.
RATING: 5000 WVDC; 5 Amps; +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

ALLIGATOR CLIP TO STACKING BANANA PLUG

Adapts to equipment using standard banana jacks.



MODEL	Length	LIST
1166-4*	101.6 (4.0)	3.75
1166-8*	203.2 (8.0)	3.75
1166-12*	304.8 (12.0)	3.75
1166-24*	609.6 (24.0)	3.75
1166-36*	914.4 (36.0)	3.75
1166-48*	1219.2 (48.0)	3.95
1166-60*	1524.0 (60.0)	4.15

1ST END: Alligator Clip. Steel, nickel plated. Insulation; vinyl.
WIRE: 18 AWG, 65 × 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

2ND END: Stacking Banana Plug. Brass body, beryllium copper spring. Insulation; polypropylene.
RATING: 5000 WVDC; 5 Amps; +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

ALLIGATOR CLIP LEAD TO BANANA PLUG

Adapts to equipment using standard banana jacks.

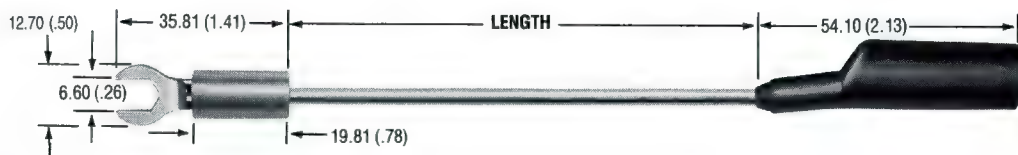


MODEL	Length	LIST
1959-4*	101.6 (4.0)	4.90
1959-8*	203.2 (8.0)	4.90
1959-12*	304.8 (12.0)	4.90
1959-24*	609.6 (24.0)	4.90
1959-36*	914.4 (36.0)	4.90
1959-48*	1219.2 (48.0)	5.10
1959-60*	1524.0 (60.0)	5.30

1ST END: Alligator Clip. Steel, nickel plated. Insulation; vinyl.
WIRE: 18 AWG, 65 × 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

2ND END: Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.
RATING: 5000 WVDC; 5 Amps; +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

INSULATED SPADE LUG TO ALLIGATOR CLIP



MODEL	Length	LIST
1960-12*	304.8 (12.0)	5.20
1960-24*	609.6 (24.0)	5.20
1960-36*	914.4 (36.0)	5.20
1960-48*	1219.2 (48.0)	5.40
1960-60*	1524.0 (60.0)	5.60

1ST END: Spade lug. Brass, nickel plated. Insulation; polypropylene.
WIRE: 18 AWG, 65 × 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

2ND END: Alligator clip. Steel, nickel plated. Vinyl boot.
RATING: 5000 WVDC; 5 Amps; +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

POMONA

PATCH CORDS

INSULATED MINIGATOR CLIP EACH END—18 AWG

MODEL	Length	LIST
MG-B-4*	101.6(4.0)	3.85
MG-B-8*	203.2(8.0)	3.85
MG-B-12*	304.8(12.0)	3.85
MG-B-24*	609.6(24.0)	3.85
MG-B-36*	914.4(36.0)	3.85
MG-B-48*	1219.2(48.0)	4.05
MG-B-60*	1524.0(60.0)	4.25



1ST END: Minigator. Steel, cadmium plated. Vinyl boot.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 mm (.144) O.D.

2ND END: Same as first end.
RATING: 5000 WVDC; 5 Amps; + 50°C. (+ 122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

INSULATED MINIGATOR CLIP EACH END—20 AWG

MODEL	Length	LIST
1236-4*	101.6(4.0)	3.60
1236-8*	203.2(8.0)	3.60
1236-12*	304.8(12.0)	3.60
1236-24*	609.6(24.0)	3.60
1236-36*	914.4(36.0)	3.60
1236-48*	1219.2(48.0)	3.80
1236-60*	1524.0(60.0)	4.00



1ST END: Minigator. Steel, cadmium plated. Vinyl boot.
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

2ND END: Same as first end.
RATING: 3000 WVDC; 5 Amps; + 50°C. (+ 122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

INSULATED MICROGATOR† CLIP EACH END—20 AWG

MODEL	Length	LIST
1613-4*	101.6(4.0)	4.00
1613-8*	203.2(8.0)	4.00
1613-12*	304.8(12.0)	4.00
1613-24*	609.6(24.0)	4.00
1613-36*	914.4(36.0)	4.00
1613-48*	1219.2(48.0)	4.20



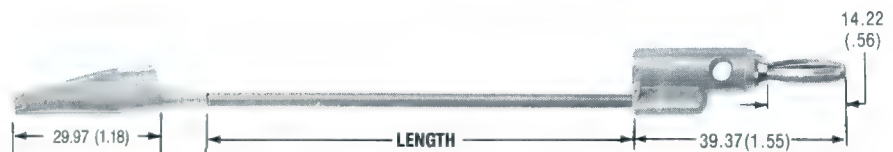
1ST END: Microgator. Copper. Vinyl boot.
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

2ND END: Same as first end.
RATING: 3000 WVDC; 5 Amps; + 50°C. (+ 122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

INSULATED MINIGATOR CLIP TO STACKING BANANA PLUG

Adapts to equipment using standard banana jacks.

MODEL	Length	LIST
3220-4*	101.6(4.0)	3.60
3220-8*	203.2(8.0)	3.60
3220-12*	304.8(12.0)	3.60
3220-24*	609.6(24.0)	3.60
3220-36*	914.4(36.0)	3.60
3220-48*	1219.2(48.0)	3.80
3220-60*	1524.0(60.0)	4.00

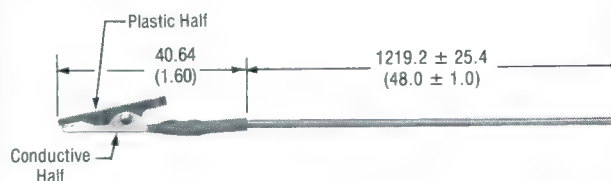


1ST END: Minigator. Steel, cadmium plated. Insulation; vinyl.
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.

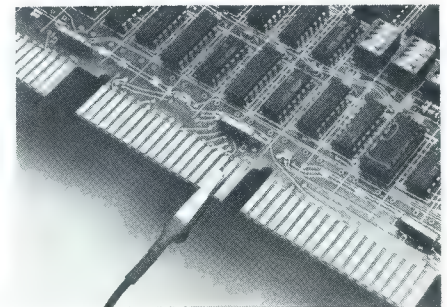
2ND END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.
RATING: 3000 WVDC; 5 Amps; + 50°C. (+ 122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

P.C. BOARD TEST CLIP PATCH CORD

This patch cord is conductive only on the lower half of this minigator clip. The upper half is insulated to keep the clip from contacting circuitry on the opposite side of the board. The patch cord is supplied with 1219.2 mm (48.0) of 20 AWG wire which can be cut to the desired length or be terminated with the desired plug or jack.



1ST END: Test clip. Upper half, polycarbonate. Lower half, steel, cadmium plated.
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.
2ND END: None.
RATING: + 115°C. (+ 239°F.) Max.
***STD COLORS:** -0 Black, -2 Red.



MODEL
4931-48*

† Microgator is a trademark of Mueller Electric Co.

POMONA

0.64 MM (.025) SQ. PIN/RECEPTACLE ACCESSORIES

INSULATED MINIGATOR CLIP TO MINIATURE STACKING BANANA PLUG



MODEL	Length	LIST
3222-24*	609.6(24.0)	4.30
3222-36*	914.4(36.0)	4.30
3222-48*	1219.2(48.0)	4.50

1ST END: Minigator. Steel, cadmium plated. Insulation: vinyl.
WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D.
2ND END: Stacking Miniature Banana Plug. Brass body,

beryllium copper spring, gold plated. Insulation: polypropylene.
RATING: 3000 WVDC; 5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

INSULATED MINIGATOR CLIP TO SQUARE PIN RECEPTACLE

This patch cord is used as a jumper for circuit cards with 0.64 mm (.025) square pins.



MODEL	Length
4974-12*	304.8(12.0)
4974-24*	609.6(24.0)
4974-36*	914.4(36.0)

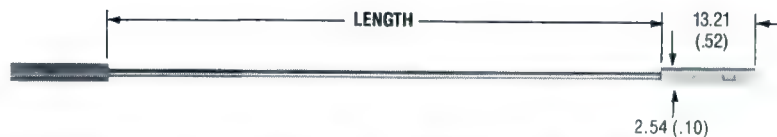
1ST END: Minigator. Steel, cadmium plated. Insulation: vinyl.
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D.
2ND END: 0.64 (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation: ABS.

RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red

LIST 4.00

SQUARE PIN RECEPTACLE EACH END

This patch cord is excellent for use as a jumper circuit for P.C. boards with 0.64 mm (.025) sq. pins.



MODEL	Length	LIST
4741-6*	152.4(6.0)	3.20
4741-12*	304.8(12.0)	3.20
4741-24*	609.6(24.0)	3.20
4741-36*	914.1(36.0)	3.20

1ST END: 0.64 mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation: ABS.
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D.

2ND END: Same as first end.
RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -1 Brown, -2 Red, -3 Orange, -4 Yellow, -5 Green, -6 Blue, -7 Violet, -8 Gray, -9 White.

SQUARE PIN RECEPTACLE TO SQUARE PIN

This patch cord can be used as a jumper or as an extension patch cord with any of the other models on this page having 0.64 mm (.025) sq. receptacles or pins.



MODEL	Length	LIST
4992-6*	152.4(6.0)	3.75
4992-12*	304.8(12.0)	3.75
4992-24*	609.6(24.0)	3.75
4992-36*	914.4(36.0)	3.75
4992-48*	1219.2(48.0)	3.95

1ST END: 0.64 mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation: ABS.
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D.

2ND END: 0.64 (.025) Square Pin. Phosphor bronze, gold plated. Insulation: ABS.
RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

SQUARE PIN RECEPTACLE TO 2.03 mm (.080) PIN TIP PLUG

This patch cord is used as a jumper between 0.64 mm (.025) sq. pins and equipment with 2.03 mm (.080) dia. pin jacks.



MODEL	Length	LIST
4772-12*	304.8(12.0)	3.60
4772-24*	609.6(24.0)	3.60
4772-36*	914.4(36.0)	3.60

1ST END: 0.64 mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation: ABS.
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D.

2ND END: Pin Tip Plug. Brass, gold plated. Insulation: polypropylene.
RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red

SQUARE PIN RECEPTACLE TO BANANA PLUG

This patch cord is excellent for use as a jumper on circuit cards with 0.64 (.025) square pins and equipment with 4.22 (.166) dia. banana jacks.



MODEL	Length	LIST
4771-12*	304.8(12.0)	4.05
4771-24*	609.6(24.0)	4.05
4771-36*	914.4(36.0)	4.05
4771-48*	1219.2(48.0)	4.25

1ST END: 0.64 mm (.025) Square Pin Receptacle. Phosphor bronze, gold plated. Insulation: ABS.
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D.
2ND END: In-line Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation: polypropylene.

RATING: 1000 WVDC; 3 Amps; +50°C. (+122°F.) Max.
***STD COLORS:** -0 Black, -2 Red

POMONA

BNC CABLE ASSEMBLIES

STRESS-RELIEVED/WEATHERPROOF CABLE ASSEMBLIES

The following cable assemblies with molded boot feature extra-long, stress-relieved PVC molded directly onto cable jacket and connector body. The advantages are stress protection against failure from excess bending, flexing & twisting and a weatherproof seal between cable and connector.

BNC MALE EACH END



RG58C/U 50 Ohm	LIST	RG59B/U 75 Ohm	LIST	RG174/U 50 Ohm	LIST	RG62A/U 93 Ohm	Length	LIST
2249-C-12	9.90	2249-E-12	10.50	2249-K-12	14.90	2249-M-12	304.8(12.0)	11.10
2249-C-24	10.50	2249-E-24	11.10	2249-K-24	15.50	2249-M-24	609.6(24.0)	11.70
2249-C-36	11.00	2249-E-36	11.70	2249-K-36	16.10	2249-M-36	914.4(36.0)	12.30
2249-C-48	11.80	2249-E-48	12.30	2249-K-48	16.70	2249-M-48	1219.2(48.0)	12.90
2249-C-60	12.50	2249-E-60	12.90	2249-K-60	17.30	2249-M-60	1524.0(60.0)	13.50
2249-C-72	13.10	2249-E-72	13.50				1828.8(72.0)	
2249-C-120	15.70						3048.0(120.0)	
2249-C-180	19.00						4572.0(180.0)	

1ST END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

CABLE: RG58C/U 4.95 mm (.195) O.D.
RG59B/U 6.15 mm (.242) O.D.
RG62A/U 6.15 mm (.242) O.D.
RG174/U 2.54 mm (.100) O.D.

2ND END: Same as first end.

RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

LOW COST BNC CABLE

MODEL	Length	LIST
5696-12	304.8 (12.0)	7.10
5696-24	609.6 (24.0)	7.70
5696-36	914.4 (36.0)	8.30
5696-48	1219.2 (48.0)	8.90
5696-60	1524.0 (60.0)	9.50
5696-72	1828.8 (72.0)	10.10
5696-120	3048.0 (120.0)	12.50



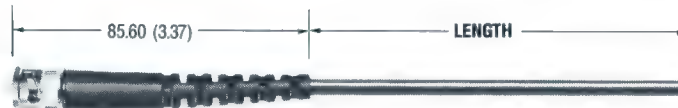
1ST END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, corrosion resistant finish. Impedance: 50 Ohms. Boot; thermoplastic, black, slip-on style.

CABLE: RG 58 type, 4.95 (.195) O.D.

2ND END: Same as first end.

RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F. Max.)

BNC MALE, ONE END ONLY



MODEL	Length	LIST
5266-C-12	304.8(12.0)	6.15
5266-C-24	609.6 (24.0)	6.75
5266-C-36	914.4(36.0)	7.35
5266-C-48	1219.2(48.0)	7.95
5266-C-60	1524.0(60.0)	8.55

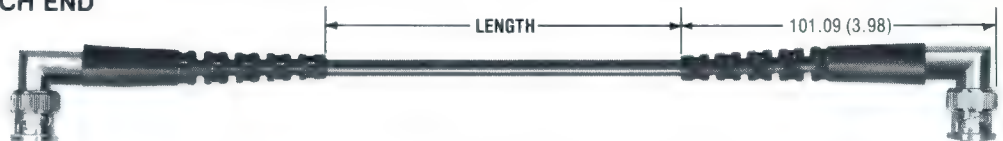
1ST END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: None.

RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

RIGHT ANGLE BNC MALE EACH END



MODEL	Length	LIST
4276-C-12	304.8(12.0)	25.95
4276-C-24	609.6 (24.0)	26.55
4276-C-36	914.4(36.0)	27.15
4276-C-48	1219.2(48.0)	27.75
4276-C-60	1524.0(60.0)	28.35

1ST END: Crimp BNC Male, right angle. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: Same as first end.

RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

LOW-NOISE BNC MALE EACH END



MODEL	Length	LIST
4964-SS-24	609.6 (24.0)	13.15
4964-SS-36	914.4(36.0)	14.65
4964-SS-48	1219.2(48.0)	16.15
4964-SS-60	1524.0(60.0)	17.65

1ST END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

CABLE: Belden 9223 or equivalent, 50 Ohm, 4.95 mm (.195) O.D.

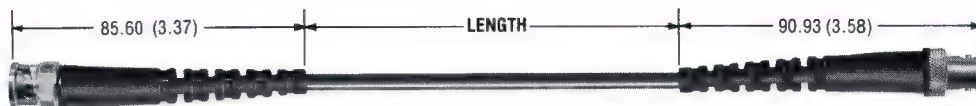
2ND END: Same as first end.

RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

POMONA

BNC CABLE ASSEMBLIES

BNC MALE TO BNC FEMALE



MODEL	Length	LIST
4524-C-12	304.8(12.0)	13.25
4524-C-24	609.6 (24.0)	13.85
4524-C-36	914.4(36.0)	14.45
4524-C-48	1219.2(48.0)	15.05
4524-C-60	1524.0(60.0)	15.65

1ST END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.
CABLE: RG58C/U 4.95 mm (.195) O.D.
2ND END: Crimp BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Boot; PVC, black.
RATING: Operating Voltage: 500 VRMS Max.; + 50°C. (+ 122°F.) Max.

BNC MALE ON RETRACTILE (COILED) CORD



MODEL	Extended Length	LIST
4487-48	1219.2(48.0)	34.95
4487-60	1524.0(60.0)	35.85
4487-72	1829.0(72.0)	36.75

1ST END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

CABLE: Shielded microphone. Center conductor 24 AWG (45 x 40), polyurethane jacket 4.32 mm (.170) O.D.

2ND END: Same as first end.
RATING: 270 VDC-90 VAC cont. duty; + 50°C. (+ 122°F.) Max.

BNC MALE ON RETRACTILE (COILED) CORD, ONE END ONLY



MODEL	Extended Length	LIST
5260-48	1219.2(48.0)	23.95
5260-60	1524.0(60.0)	24.85
5260-72	1829.0(72.0)	25.75

1ST END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

CABLE: Shielded microphone. Center conductor 24 AWG (45 x 40), polyurethane jacket 4.32 mm (.170) O.D.

2ND END: None.
RATING: 270 VDC-90 VAC cont. duty; + 50°C. (+ 122°F.) Max.

BNC FEMALE BOTH ENDS



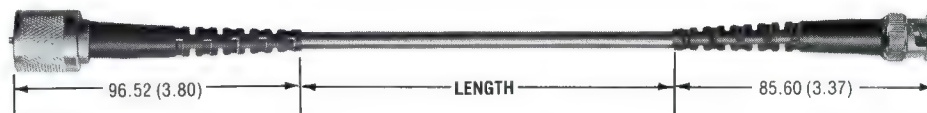
MODEL	Length	LIST
4277-C-12	304.8(12.0)	15.25
4277-C-24	609.6(24.0)	15.85
4277-C-36	914.4(36.0)	16.45
4277-C-48	1219.2(48.0)	17.05
4277-C-60	1524.0(60.0)	17.65

1ST END: Crimp BNC Female. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: Same as first end.
RATING: Operating Voltage: 500 VRMS Max.; + 50°C. (+ 122°F.) Max.

UHF MALE TO BNC MALE



MODEL	Length	LIST
1367-C-18	457.2(18.0)	14.20
1367-C-24	609.6(24.0)	14.50
1367-C-36	914.4(36.0)	15.10
1367-C-48	1219.2(48.0)	15.70
1367-C-60	1524.0(60.0)	16.30

1ST END: Crimp UHF Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: Nonconstant. Boot; PVC, black.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.
RATING: Operating Voltage: 500 VRMS Max.; + 50°C. (+ 122°F.) Max.

POMONA

CABLE ASSEMBLIES

UHF MALE BOTH ENDS



MODEL	Length	LIST
UHF-C-18	457.2(18.0)	17.15
UHF-C-24	609.6(24.0)	17.45
UHF-C-36	914.4(36.0)	18.05
UHF-C-48	1219.2(48.0)	18.65
UHF-C-60	1524.0(60.0)	19.25

1ST END: Crimp UHF Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: Nonconstant. Boot; PVC, black.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: Same as first end.
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

BNC MALE EACH END



Shielded Mic. Cable 50 Ohms	LIST	RG58C/U 50 Ohms	LIST	RG59B/U 75 Ohms	RG62A/U 93 Ohms	Length	LIST
BNC-B-18	10.60	BNC-C-18	11.50	BNC-E-18	BNC-M-18	457.2 (18.0)	11.85
BNC-B-24	10.90	BNC-C-24	11.80	BNC-E-24	BNC-M-24	609.6 (24.0)	12.15
BNC-B-36	11.50	BNC-C-36	12.50	BNC-E-36	BNC-M-36	914.4 (36.0)	12.75
BNC-B-48	12.10	BNC-C-48	13.10	BNC-E-48	BNC-M-48	1219.2 (48.0)	13.35
BNC-B-60	12.70	BNC-C-60	13.80	BNC-E-60	BNC-M-60	1524.0 (60.0)	13.95

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated.

2ND END: Same as first end.
RATING: 500 VRMS Max.; +80°C. (+176°F.) Max.

CABLE: Shielded mic. 4.95 (.195) O.D.
RG 58C/U 4.95 (.195) O.D.
RG 59B/U 6.25 (.242) O.D.
RG 62A/U 6.15 (.242) O.D.

LOW COST BNC CABLE



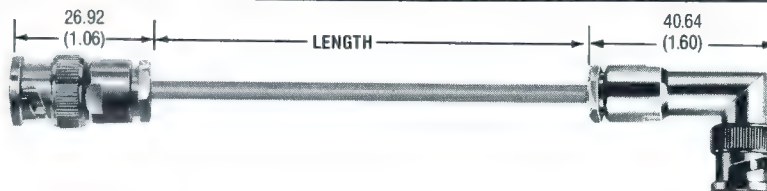
MODEL	Length	LIST
5697-12	304.8 (12.0)	7.10
5697-24	609.6 (24.0)	7.70
5697-36	914.4 (36.0)	8.30
5697-48	1219.2 (48.0)	8.90
5697-60	1524.0 (60.0)	9.50
5697-72	1828.8 (72.0)	10.10
5697-120	3048.0 (120.0)	12.50

1ST END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, corrosion resistant finish. Impedance: 50 Ohms.

CABLE: RG 58 type, 4.95 (.195) O.D.

2ND END: Same as first end.
RATING: Operating Voltage: 500 VRMS Max.; +80°C. (+176°F. Max.)

BNC MALE TO RIGHT ANGLE BNC MALE



1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG58C/U 4.95 mm (.195) O.D.

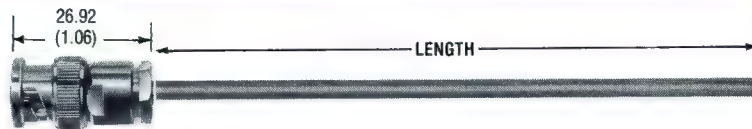
2ND END: BNC Male, Right Angle. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.
RATING: Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

MODEL	Length	LIST
1383-C-18	457.2(18.0)	21.95
1383-C-24	609.6(24.0)	22.25
1383-C-36	914.4(36.0)	22.85
1383-C-48	1219.2(48.0)	23.45
1383-C-60	1524.0(60.0)	24.05

POMONA

CABLE ASSEMBLIES

BNC MALE ONE END ONLY



RG58C/U	LIST	RG59B/U	Length	LIST
1661-C-12	7.30	1661-E-12	304.8(12.0)	8.05
1661-C-24	7.90	1661-E-24	609.6(24.0)	8.65
1661-C-36	8.50	1661-E-36	914.4(36.0)	9.25
1661-C-48	9.10	1661-E-48	1219.2(48.0)	9.85
1661-C-60	9.70	1661-E-60	1524.0(60.0)	10.45

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG58C/U 4.95 mm (.195) O.D.
RG59B/U 6.15 mm (.242) O.D.

2ND END: None.
RATING: Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

BNC FEMALE EACH END



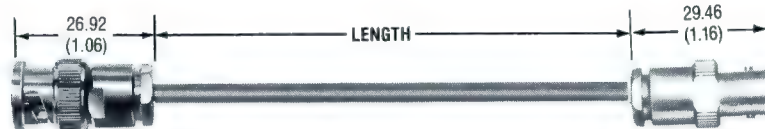
MODEL	Length	LIST
1808-C-12	304.8(12.0)	12.95
1808-C-24	609.6(24.0)	13.55
1808-C-36	914.4(36.0)	14.15
1808-C-48	1219.2(48.0)	14.75
1808-C-60	1524.0(60.0)	15.35

1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Impedance: 50 Ohms.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: Same as first end.
RATING: Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

BNC MALE TO BNC FEMALE



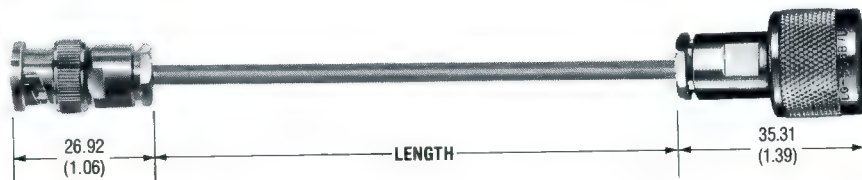
MODEL	Length	LIST
2223-C-12	304.8(12.0)	11.40
2223-C-24	609.6(24.0)	12.00
2223-C-36	914.4(36.0)	12.60
2223-C-48	1219.2(48.0)	13.20
2223-C-60	1524.0(60.0)	13.80

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Impedance: 50 Ohms.
RATING: Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

BNC MALE TO TYPE "N" MALE



MODEL	Length	LIST
1366-C-24	609.6(24.0)	14.75
1366-C-36	914.4(36.0)	15.35
1366-C-48	1219.2(48.0)	15.95

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

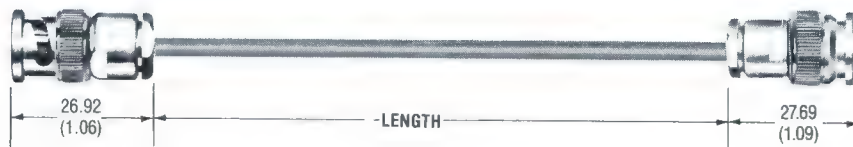
CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: Type "N" Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.
RATING: Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

POMONA

CABLE ASSEMBLIES

BNC MALE TO TNC MALE



MODEL	Length	LIST
1948-C-12	304.8 (12.0)	15.75
1948-C-24	609.6 (24.0)	16.35
1948-C-36	914.4 (36.0)	16.95
1948-C-48	1219.2 (48.0)	17.55
1948-C-60	1524.0 (60.0)	18.15

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: TNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.
RATING: Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

TNC MALE BOTH ENDS



RG58C/U	LIST	Length	RG142B/U	LIST
1944-C-12	19.15	304.8 (12.0)	1944-X-12	33.30
1944-C-18	19.45	457.2 (18.0)		
1944-C-24	19.75	609.6 (24.0)	1944-X-24	38.30
1944-C-36	20.35	914.4 (36.0)	1944-X-36	43.30
1944-C-48	20.95	1219.2 (48.0)	1944-X-48	48.30
1944-C-60	21.55	1524.0 (60.0)	1944-X-60	53.30

1ST END: TNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG58C/U 4.95 mm (.195) O.D. or RG142B/U 4.95 mm (.195) O.D.

2ND END: Same as first end.
RATING: Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

"PUSH ON" UHF MALE BOTH ENDS



1ST END: Crimp push-on UHF Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: Nonconstant.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: Same as first end.
RATING: Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

LIST 37.20

"PUSH-ON" BNC MALE BOTH ENDS



MODEL	Length	LIST
3199-C-12	304.8 (12.0)	11.25
3199-C-24	609.6 (24.0)	11.85
3199-C-36	914.4 (36.0)	12.45
3199-C-48	1219.2 (48.0)	13.05
3199-C-60	1524.0 (60.0)	13.65

1ST END: Crimp Push-on BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: Same as first end.
RATING: Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

BNC MALE TO SMA MALE



MODEL	Length	LIST
4935-BB-24	609.6 (24.0)	28.95
4935-BB-48	1219.2 (48.0)	32.95
4935-BB-60	1524.0 (60.0)	34.95

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG316/U 2.49 mm (.098) O.D.

2ND END: Crimp SMA Male. Passivated steel shell. Gold plated center contact.
RATING: Operating Voltage: 335 VRMS Max.; +165°C. (+329°F.) Max.

POMONA

MICROWAVE COAXIAL CABLE ASSEMBLIES

These coaxial cables allow testing of frequencies up to 12.4 Gigahertz. Microwave coaxial cables can also be built to your specifications on special order. Just tell us the length you want, the cable you would prefer (it can even be your special cable) and what type of connectors. We will be happy to quote prices.

CABLE CHARACTERISTICS:

CABLE: RG 174/U coaxial cable
CHARACTERISTICS:
 Impedance: 50 Ohm
 Cable O.D.: 2.54 mm (.100)
 Loss: .45 dB/ft. at 1.0 GHz Max.
 Temperature: 85°C. (185°F.) Max.

CABLE: RG 316/U coaxial cable
CHARACTERISTICS:
 Impedance: 50 Ohm
 Cable O.D.: 2.49 mm (.098)
 Loss: .56 dB/ft. at 3 GHz Max.
 Temperature: 200°C. (392°F.) Max.

CABLE: RG 142 B/U coaxial cable
CHARACTERISTICS:
 Impedance: 50 Ohm
 Cable O.D.: 4.95 mm (.195)
 Loss: .67 dB/ft. at 12.4 GHz Max.
 Temperature: 200°C. (392°F.) Max.

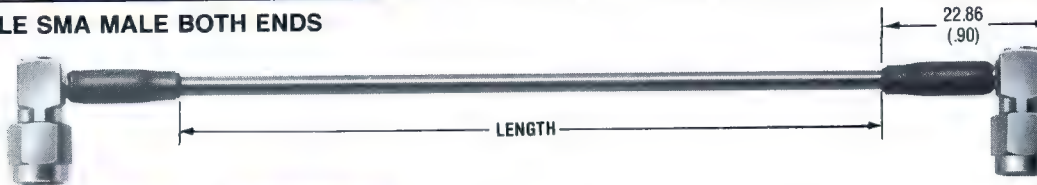
SMA MALE BOTH ENDS



MODEL	LIST	MODEL	LIST	MODEL	LIST	Length
RG174/U		RG316/U		RG142B/U		
4846-K-24	29.95	4846-BB-24	31.95	4846-X-24	37.95	609.6 (24.0)
4846-K-48	31.15	4846-BB-48	35.95	4846-X-48	47.95	1219.2 (48.0)
4846-K-60	31.75	4846-BB-60	37.95	4846-X-60	52.95	1524.0 (60.0)

1ST END: Crimp SMA Male. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.
CABLE: (See top of page for characteristics)
2ND END: Same as first end.

RIGHT ANGLE SMA MALE BOTH ENDS



MODEL	LIST	MODEL	LIST	MODEL	LIST	Length
RG174/U		RG316/U		RG142B/U		
4813-K-24	44.95	4813-BB-24	47.95	4813-X-24	60.95	609.6 (24.0)
4813-K-48	46.15	4813-BB-48	51.95	4813-X-48	70.95	1219.2 (48.0)
4813-K-60	46.75	4813-BB-60	53.95	4813-X-60	75.95	1524.0 (60.0)

1ST END: Crimp SMA Male, right angle. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.
CABLE: (See top of page for characteristics)
2ND END: Same as first end.

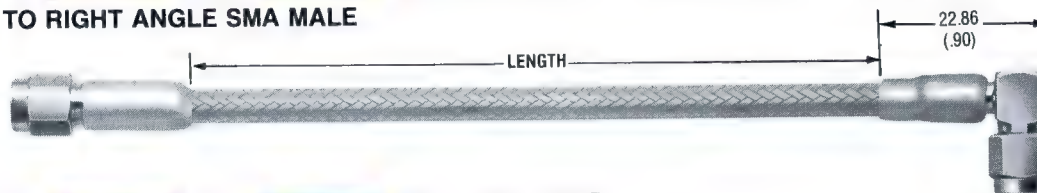
SMA MALE TO SMA FEMALE



MODEL	LIST	MODEL	LIST	MODEL	LIST	Length
RG174/U		RG316/U		RG142B/U		
4528-K-24	34.60	4528-BB-24	36.60	4528-X-24	42.60	609.6 (24.0)
4528-K-48	35.80	4528-BB-48	40.60	4528-X-48	52.60	1219.2 (48.0)
4528-K-60	36.40	4528-BB-60	42.60	4528-X-60	57.60	1524.0 (60.0)

1ST END: Crimp SMA Male. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.
CABLE: (See top of page for characteristics)
2ND END: Crimp SMA Female. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.

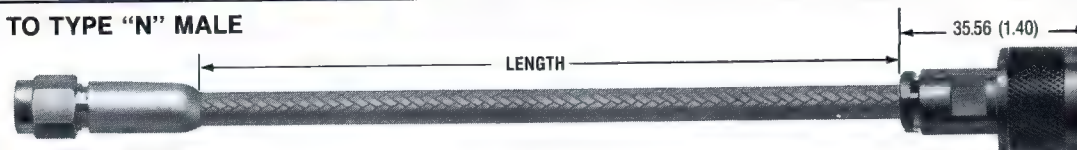
SMA MALE TO RIGHT ANGLE SMA MALE



MODEL	LIST	MODEL	LIST	MODEL	LIST	Length
RG174/U		RG316/U		RG142B/U		
4814-K-24	41.75	4814-BB-24	46.15	4814-X-24	49.35	609.6 (24.0)
4814-K-48	42.95	4814-BB-48	50.15	4814-X-48	59.35	1219.2 (48.0)
4814-K-60	43.55	4814-BB-60	52.15	4814-X-60	64.35	1524.0 (60.0)

1ST END: Crimp SMA Male. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.
CABLE: (See top of page for characteristics)
2ND END: Crimp SMA Male, right angle. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.

SMA MALE TO TYPE "N" MALE



MODEL	Length	LIST
5058-X-12	304.8(12.0)	32.15
5058-X-24	609.6(24.0)	37.15
5058-X-36	914.4(36.0)	42.15
5058-X-48	1219.2(48.0)	47.15
5058-X-60	1524.0(60.0)	52.15

1ST END: Crimp SMA Male. Passivated steel shell. Gold plated center contact. Meets conditions of MIL-C-39012. Impedance: 50 Ohms.

CABLE: RG 142B/U coaxial cable. (See top of page for characteristics)

2ND END: Type "N" Male. Brass body, tarnish resistant plated. Center contact brass, gold plated. Impedance: 50 Ohms.

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CABLE ASSEMBLIES

TYPE "N" MALE EACH END

RG213/U	LIST	Length	RG214/U	LIST
1658-S-18	30.95	457.2(18.0)	1658-T-18	31.85
1658-S-24	31.30	609.6(24.0)	1658-T-24	35.35
1658-S-36	32.00	914.4(36.0)	1658-T-36	42.35
1658-S-48	32.70	1219.2(48.0)	1658-T-48	49.35
1658-S-60	33.40	1524.0(60.0)	1658-T-60	56.35



1ST END: Type "N" Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG213/U 10.29 mm (.405) O.D. or RG214/U 10.80 mm (.425) O.D.

2ND END: Same as first end.
RATING: Operating Voltage: 1000 VRMS Max.; +80°C. (+176°F.) Max.

TYPE "N" MALE EACH END

RG58C/U	LIST	Length	RG142B/U	LIST
2256-C-24	17.10	609.6(24.0)	2256-X-24	33.40
2256-C-36	17.70	914.4(36.0)	2256-X-36	38.40
2256-C-48	18.30	1219.2(48.0)	2256-X-48	43.40
2256-C-60	18.90	1524.0(60.0)	2256-X-60	48.40



1ST END: Type "N" Male, Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG213/U 10.29mm (.405) O.D. or RG214/U 10.80mm (.425) O.D.

2ND END: Same as first end.

RATING: Operating Voltage: 1000 VRMS Max.; 2256-C, +80°C. (+176°F.) Max.; 2256-X, +165°C. (+329°F.) Max.

TYPE "N" MALE TO "N" FEMALE

MODEL	Length	LIST
4496-T-18	457.2(18.0)	35.10
4496-T-24	609.6(24.0)	38.60
4496-T-36	914.4(36.0)	45.60
4496-T-48	1219.2(48.0)	52.60
4496-T-60	1524.0(60.0)	59.60



1ST END: Type "N" Male, Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG214/U 10.80mm (.425) O.D.

2ND END: Type "N" Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Impedance: 50 Ohms.
RATING: Operating Voltage: 1000 VRMS Max.; +80°C. (+176°F.) Max.

TRIAxIAL CABLE ASSEMBLIES

TRIAxIAL CABLE ASSEMBLIES

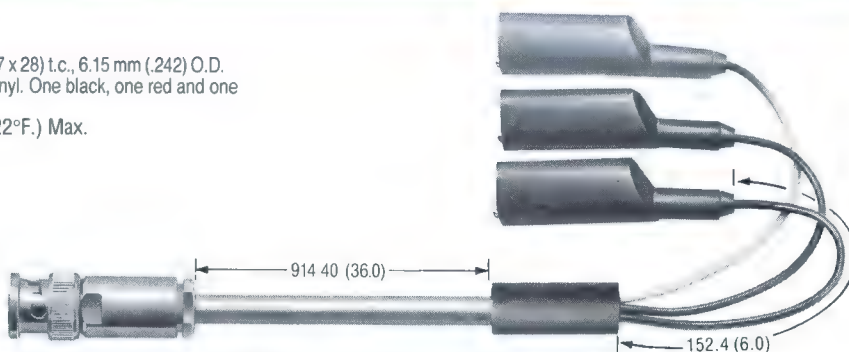
1ST END: Triaxial Male (See Special Features)

CABLE: Belden 9222, triaxial cable. Triaxial conductors 20 AWG (7 x 28) t.c., 6.15 mm (.242) O.D.

2ND END: Three alligator clips, steel, nickel plated. Insulation: Vinyl. One black, one red and one green.

RATING: Operating Voltage: 500 VRMS Max., +50°C. (+122°F.) Max.

MODEL	Special Features	LIST
4725	2 Lug Triax.	64.95
5342	3 Lug Triax.	72.45



TRIAxIAL CABLE ASSEMBLIES

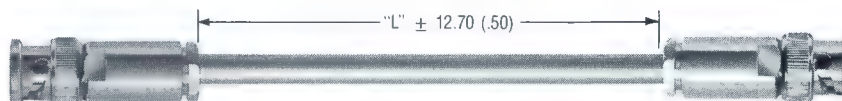
MODEL 3581: 1ST END: Triaxial Male, 2 Lug. (Model 3600)

CABLE: Twinaxial, Belden 9272, 6.15 (.242) O.D., 78 Ohm impedance.

2ND END: Same as first end.

RATING: Operating Voltage: 500 VRMS Max., +80°C. (+176°F.) Max.

MODEL	Length "L"	LIST
3581-CC-18	457.2(18.0)	46.95
3581-CC-24	609.6(24.0)	46.95
3581-CC-36	914.4(36.0)	46.95
3581-CC-48	1219.2(48.0)	47.55
3581-CC-60	1524.0(60.0)	48.15



MODEL 5223: 1ST END: Triaxial Male, 3 Lug. (Model 5218)

CABLE: Triaxial, Belden 9222, 6.15 mm (.242) O.D., 50 Ohm impedance.

2ND END: Same as first end.

RATING: Operating Voltage: 500 VRMS Max.

MODEL	Length	LIST
5223-36	914.4(36.0)	65.35
5223-60	1524.0(60.0)	70.35

MODEL 5054: 1ST END: Triaxial Male, 2 Lug. (Model 5056)

CABLE: Triaxial, Belden 9222, 6.15 mm (.242) O.D., 50 Ohm impedance.

2ND END: Same as first end.

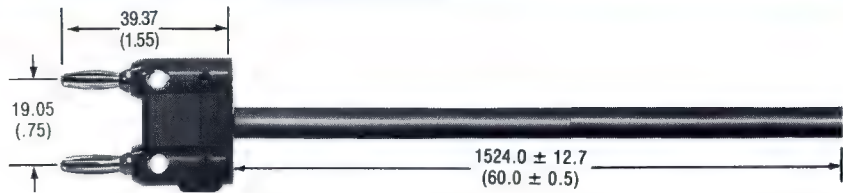
RATING: Operating Voltage: 500 VRMS Max.

MODEL	Length	LIST
5054-36	914.4(36.0)	65.35
5054-60	1524.0(60.0)	70.35

POMONA

CABLE ASSEMBLIES

DOUBLE BANANA PLUG ONE END ONLY



1ST END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polyethylene.

CABLE: Two cond. twisted pair, 6.35 mm (.250) O.D. rated at 300 VRMS; or RG58C/U 4.95 mm (.195) O.D. rated at 1400 VRMS.

2ND END: None.
RATING: +55°C. (+131°F.) Max.

LIST 10.25

Two Cond. Twisted Pr.	RG58C/U	Length
1326-A-60	1326-C-60	1524.0 (60.0)

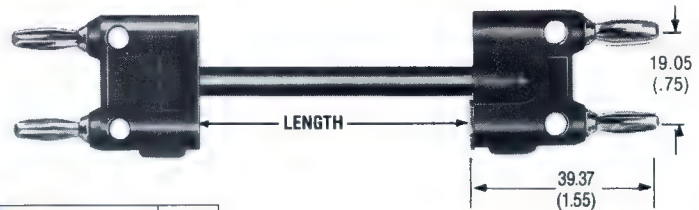
DOUBLE BANANA PLUG EACH END

1ST END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polyethylene.

CABLE: Two cond. twisted pair 6.35 mm (.250) O.D. rated at 300 VRMS; Shielded mic. 4.95 mm (.195) O.D. rated at 1900 VRMS; RG58C/U 4.95 mm (.195) O.D. rated at 1400 VRMS or RG59B/U 6.15 mm (.242) O.D. rated at 1700 VRMS.

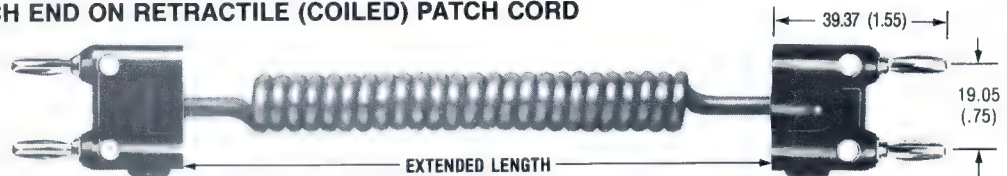
2ND END: Same as first end.

RATING: +55°C. (+131°F.) Max.



Two Cond. Twisted Pr.	LIST	Shielded Mic. Cable	LIST	RG58C/U	LIST	RG59B/U	Length	LIST
2BA-18	11.65	2BB-18	9.95	2BC-18	10.75	2BE-18	457.2 (18.0)	9.95
2BA-24	11.95	2BB-24	10.25	2BC-24	11.05	2BE-24	609.6 (24.0)	10.25
2BA-36	12.55	2BB-36	10.85	2BC-36	11.65	2BE-36	914.4 (36.0)	10.85
2BA-48	13.15	2BB-48	11.45	2BC-48	12.25	2BE-48	1219.2 (48.0)	11.45
2BA-60	13.75	2BB-60	12.05	2BC-60	12.85	2BE-60	1524.0 (60.0)	12.05

DOUBLE BANANA PLUG EACH END ON RETRACTILE (COILED) PATCH CORD



MODEL	Extended Length	LIST
3864-48	1219.2 (48.0)	21.70
3864-60	1524.0 (60.0)	22.60
3864-72	1829.0 (72.0)	23.50

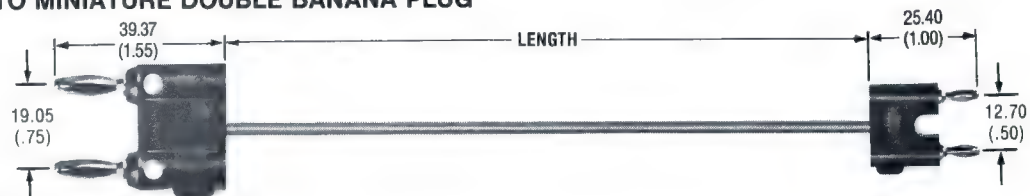
1ST END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polystyrene, black.

WIRE: 24 AWG, 45 × 40 t.c., polyurethane insulated, 4.32 mm (.170) O.D. Color, black.

2ND END: Same as first end.

RATING: 3000 VDC Int.; 270 VDC-90 VAC cont. duty; +50°C. (+122°F.) Max.

DOUBLE BANANA PLUG TO MINIATURE DOUBLE BANANA PLUG



MODEL	Length	LIST
2443-K-24	609.6 (24.0)	12.50
2443-K-36	914.4 (36.0)	13.10
2443-K-48	1219.2 (48.0)	13.70
2443-K-60	1524.0 (60.0)	14.30

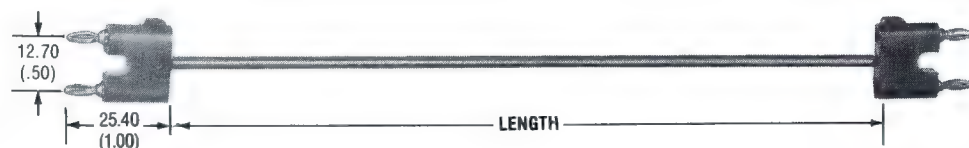
1ST END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, black.

CABLE: RG174/U, 2.54 mm (.100) O.D.

2ND END: Miniature Double Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation, polyethylene, black.

RATING: 1100 VRMS; +55°C. (+131°F.) Max.

MINIATURE DOUBLE BANANA PLUG EACH END



MODEL	Length	LIST
2247-K-12	304.8 (12.0)	12.45
2247-K-24	609.6 (24.0)	13.05
2247-K-36	914.4 (36.0)	13.65
2247-K-60	1524.0 (60.0)	14.25

1ST END: Miniature Double Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polyethylene, black.

CABLE: RG174/U, 2.54 mm (.100) O.D.

2ND END: Same as first end.

RATING: 1100 VRMS; +55°C. (+131°F.) Max.

POMONA

CABLE ASSEMBLIES

BNC MALE TO DOUBLE BANANA PLUG



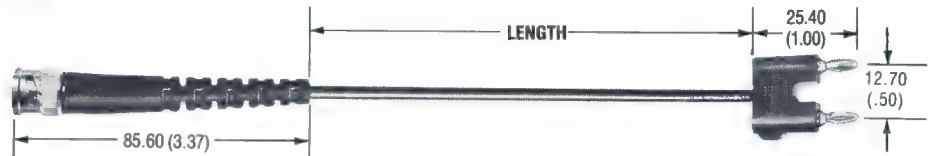
MODEL	Length	LIST
4530-C-18	457.2(18.0)	11.00
4530-C-24	609.6(24.0)	11.60
4530-C-36	914.4(36.0)	12.20
4530-C-48	1219.2(48.0)	12.80
4530-C-60	1524.0(60.0)	13.40

1ST END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, black.
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

BNC MALE TO MINIATURE DOUBLE BANANA PLUG

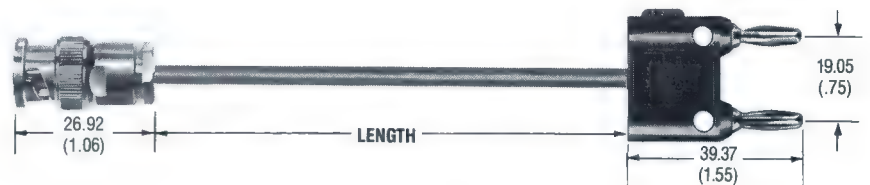


MODEL	Length	LIST
2248-K-24	609.6(24.0)	14.55
2248-K-36	914.4(36.0)	15.15
2248-K-48	1219.2(48.0)	15.75
2248-K-60	1524.0(60.0)	16.35

1ST END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.
CABLE: RG174/U 2.54 mm (.100) O.D.

2ND END: Miniature Double Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polyethylene, black.
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

BNC MALE TO DOUBLE BANANA PLUG



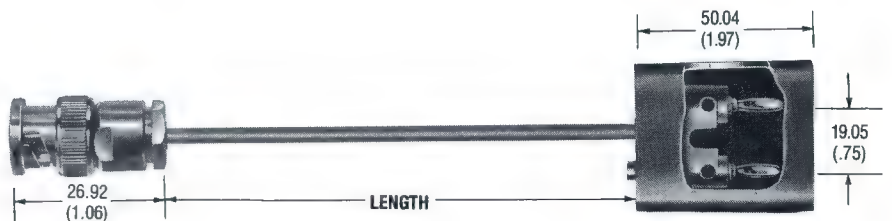
Shielded Mic. Cable	RG58C/U	Length	LIST
2BB-BNC-18	2BC-BNC-18	457.2(18.0)	12.25
2BB-BNC-24	2BC-BNC-24	609.6(24.0)	12.55
2BB-BNC-30	2BC-BNC-30	762.0(30.0)	12.85
2BB-BNC-36	2BC-BNC-36	914.4(36.0)	13.15
2BB-BNC-48	2BC-BNC-48	1219.2(48.0)	13.75
2BB-BNC-60	2BC-BNC-60	1524.0(60.0)	14.35

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG58C/U 4.95 mm (.195) O.D.
Shielded mic. 4.95 mm (.195) O.D.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polyethylene.
RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.

BNC MALE TO SHIELDED DOUBLE BANANA PLUG



MODEL	Length	LIST
1555-C-36	914.4(36.0)	25.35
1555-C-60	1524.0(60.0)	26.55

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

CABLE: RG58C/U 4.95 mm (.195) O.D.
2ND END: Shielded Double Banana Plug. Brass body, beryllium copper

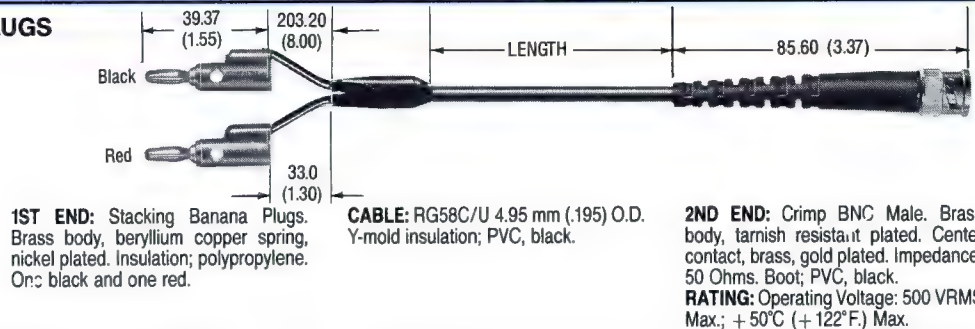
spring, nickel plated. Insulation, polyethylene. Die cast aluminum shell.
RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.

POMONA

CABLE ASSEMBLIES

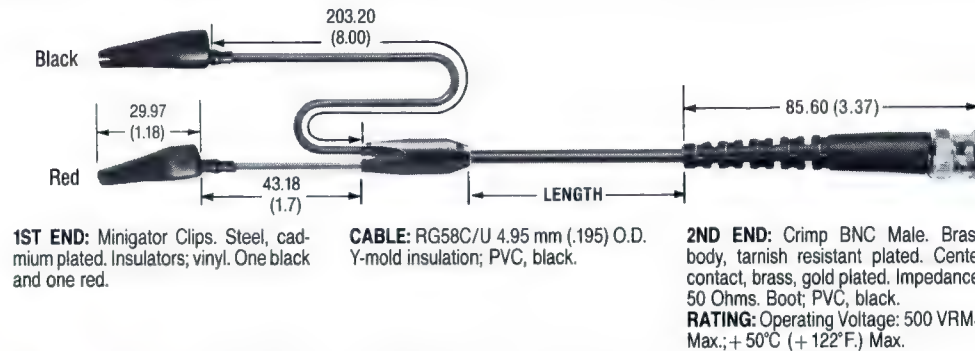
SINGLE STACKING BANANA PLUGS TO BNC MALE

MODEL	Length	LIST
5268-C-12	304.8(12.0)	13.50
5268-C-24	609.6(24.0)	14.10
5268-C-36	914.4(36.0)	14.70
5268-C-48	1219.2(48.0)	15.30
5268-C-60	1524.0(60.0)	15.90



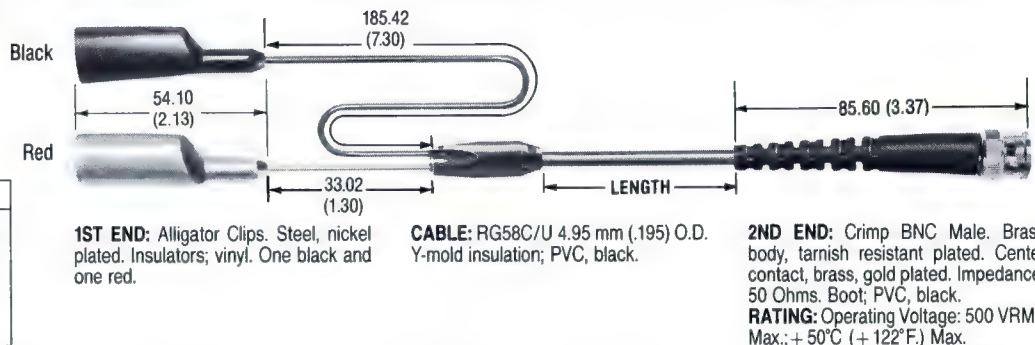
MINIGATOR CLIPS TO BNC MALE

MODEL	Length	LIST
4532-C-18	457.2(18.0)	12.25
4532-C-24	609.6(24.0)	12.55
4532-C-30	762.0(30.0)	12.85
4532-C-36	914.4(36.0)	13.15
4532-C-48	1219.2(48.0)	13.75
4532-C-60	1524.0(60.0)	14.35



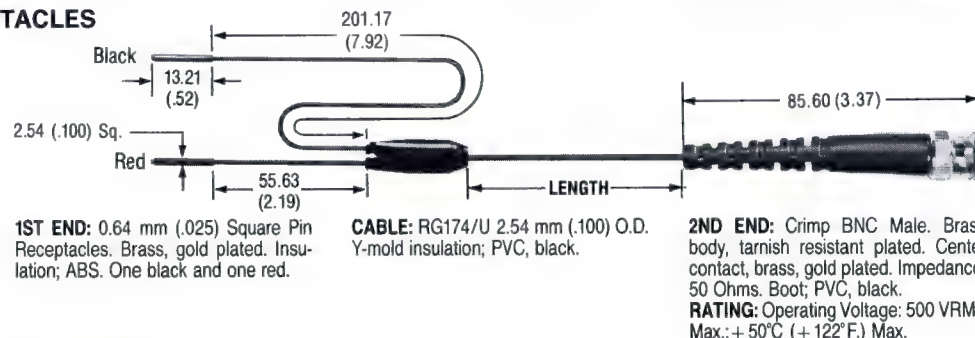
ALLIGATOR CLIPS TO BNC MALE

MODEL	Length	LIST
4531-C-18	457.2(18.0)	11.80
4531-C-24	609.6(24.0)	12.10
4531-C-30	762.0(30.0)	12.40
4531-C-36	914.4(36.0)	12.70
4531-C-48	1219.2(48.0)	13.30
4531-C-60	1524.0(60.0)	13.90



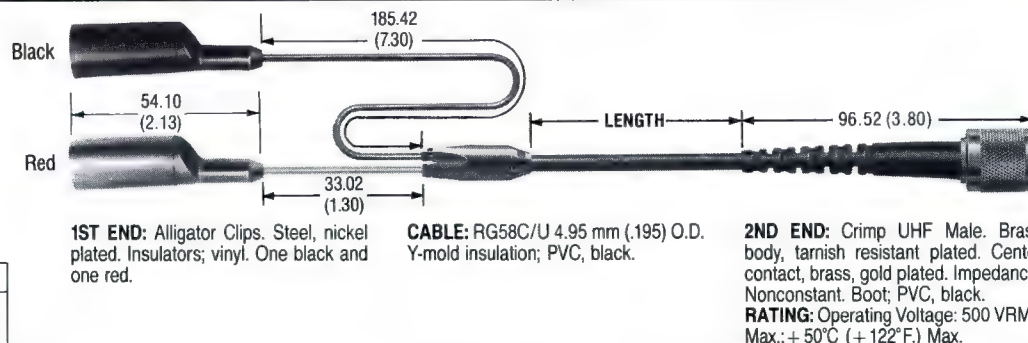
0.64 mm (.025) SQUARE RECEPTACLES TO BNC MALE

MODEL	Length	LIST
4945-K-18	457.2(18.0)	14.75
4945-K-24	609.6(24.0)	15.05
4945-K-36	914.4(36.0)	15.65
4945-K-48	1219.2(48.0)	16.25
4945-K-60	1524.0(60.0)	16.85



ALLIGATOR CLIPS TO UHF MALE

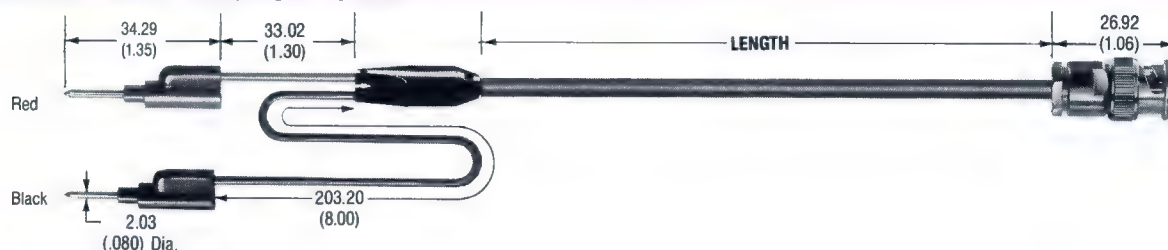
MODEL	Length	LIST
AL-C-UHF-36	914.4(36.0)	16.65
AL-C-UHF-60	1524.0(60.0)	17.85



POMONA

CABLE ASSEMBLIES

STACKING PIN TIP PLUGS TO BNC MALE



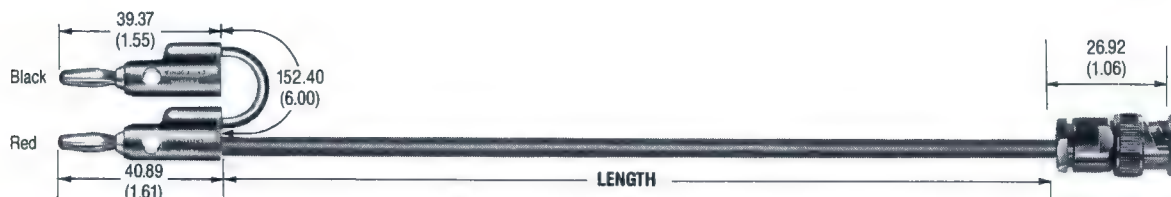
MODEL	Length	LIST
2882-C-18	457.2 (18.0)	14.35
2882-C-24	609.6 (24.0)	14.65
2882-C-36	914.4 (36.0)	15.25
2882-C-48	1219.2 (48.0)	15.85
2882-C-60	1524.0 (60.0)	16.45

1ST END: Stacking Pin Tip Plugs. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene.

CABLE: Shielded coaxial, RG58C/U, 4.95 mm (.195) O.D. Y-Mold insulation; PVC, black.

2ND END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

SINGLE BANANA PLUGS TO BNC MALE



MODEL	Length	LIST
2241-C-18	457.2 (18.0)	15.40
2241-C-24	609.6 (24.0)	15.70
2241-C-36	914.4 (36.0)	16.30
2241-C-48	1219.2 (48.0)	16.90

1ST END: Single Banana Plugs. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene, red. Ground plug insulation; polypropylene, black.

CABLE: Shielded coaxial, RG58C/U, 4.95 mm (.195) O.D.

2ND END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.
RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.

MINIGATOR CLIPS TO BNC MALE



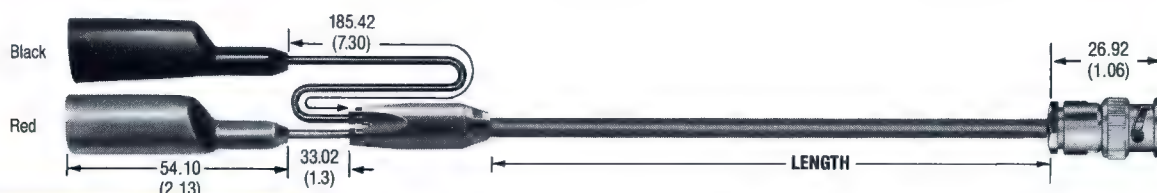
Shielded Mic. Cable	RG58C/U	Length	LIST
MG-B-BNC-18	MG-C-BNC-18	457.2 (18.0)	12.10
MG-B-BNC-24	MG-C-BNC-24	609.6 (24.0)	12.40
MG-B-BNC-30	MG-C-BNC-30	762.0 (30.0)	12.70
MG-B-BNC-36	MG-C-BNC-36	914.4 (36.0)	13.00
MG-B-BNC-48	MG-C-BNC-48	1219.2 (48.0)	13.60
MG-B-BNC-60	MG-C-BNC-60	1524.0 (60.0)	14.20

1ST END: Minigator Clips. Steel, cadmium plated. Vinyl boots.

CABLE: Shielded mic. 4.95 mm (.195) O.D. or RG58C/U, 4.95 mm (.195) O.D. Y-mold insulation; PVC.

2ND END: BNC Male. Brass body, tarnish resistant plated. Brass contact, gold plated. Impedance: 50 Ohms.
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

ALLIGATOR CLIPS TO BNC MALE



Shielded Mic. Cable	RG58C/U	Length	LIST
AL-B-BNC-18	AL-C-BNC-18	457.2 (18.0)	11.65
AL-B-BNC-24	AL-C-BNC-24	609.6 (24.0)	11.95
AL-B-BNC-30	AL-C-BNC-30	762.0 (30.0)	12.25
AL-B-BNC-36	AL-C-BNC-36	914.4 (36.0)	12.55
AL-B-BNC-48	AL-C-BNC-48	1219.2 (48.0)	13.15
AL-B-BNC-60	AL-C-BNC-60	1524.0 (60.0)	13.75

1ST END: Alligator Clips. Steel, nickel plated. Vinyl boots.

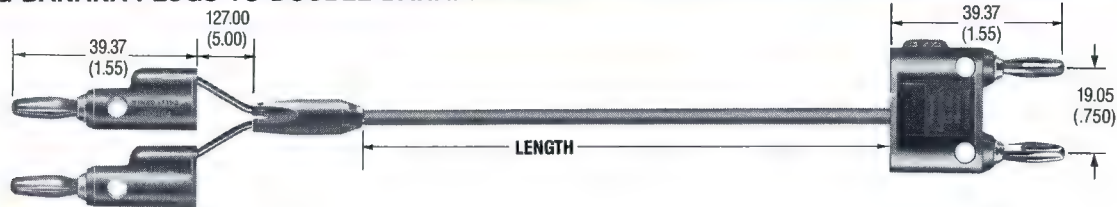
CABLE: Shielded mic. 4.95 mm (.195) O.D. or RG58C/U, 4.95 mm (.195) O.D. Y-mold insulation; PVC.

2ND END: BNC Male. Brass body, tarnish resistant plated. Brass contact, gold plated. Impedance: 50 Ohms.
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

POMONA

CABLE ASSEMBLIES

STACKING BANANA PLUGS TO DOUBLE BANANA PLUG



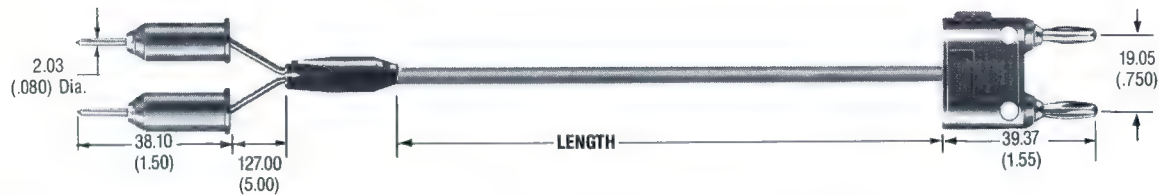
MODEL	Length	LIST
1368-A-18	457.2 (18.0)	18.35
1368-A-24	609.6 (24.0)	18.65
1368-A-30	762.0 (30.0)	18.95
1368-A-36	914.4 (36.0)	19.25
1368-A-48	1219.2 (48.0)	19.85
1368-A-60	1524.0 (60.0)	20.45

1ST END: Single Banana Plugs. Brass body, beryllium copper spring, nickel plated. Insulation, polypropylene. One black and one red.

CABLE: Two Cond., twisted pair, 6.35 mm (.250) O.D. Y-mold insulation; PVC, gray.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, gray.
RATING: 300 VRMS; +50°C. (+122°F.) Max.

SINGLE PIN TIP PLUGS TO DOUBLE BANANA PLUG



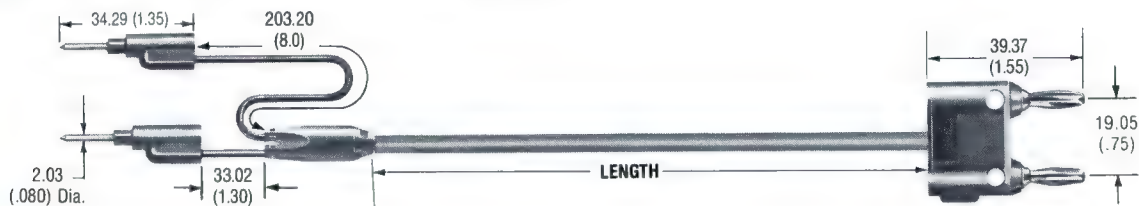
MODEL	Length	LIST
2184-A-36	914.4 (36.0)	19.45
2184-A-48	1219.2 (48.0)	20.05
2184-A-60	1524.0 (60.0)	20.65

1ST END: Single Pin Tip Plugs. Brass, nickel plated. Insulation, polypropylene. One black and one red.

CABLE: Two conductor, twisted pair, 6.35 mm (.250) O.D. Y-mold insulation; PVC, gray.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, gray.
RATING: 300 VRMS; +50°C. (+122°F.) Max.

STACKING PIN TIP PLUGS TO DOUBLE BANANA PLUG



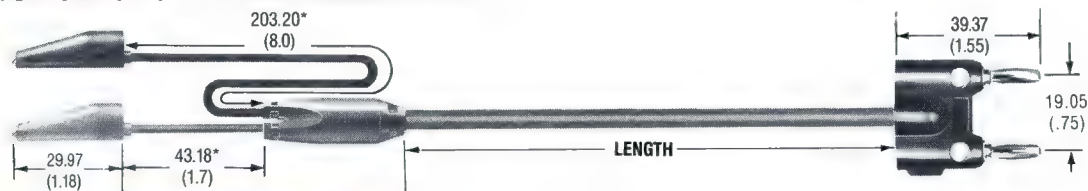
MODEL	Length	LIST
2BC-PP-18	457.2 (18.0)	15.90
2BC-PP-24	609.6 (24.0)	16.20
2BC-PP-36	914.4 (36.0)	16.80
2BC-PP-48	1219.2 (48.0)	17.40
2BC-PP-60	1524.0 (60.0)	18.00

1ST END: Single Stacking Pin Tip Plugs. Brass, nickel plated. Insulation, polypropylene. One black and one red.

CABLE: RG58C/U 4.95 mm (.195) O.D. Y-mold insulation; PVC, black.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, black.
RATING: 1400 VRMS; +50°C. (+122°F.) Max.

MINIGATOR CLIPS TO DOUBLE BANANA PLUG



Two Cond. Twisted Pair	LIST	Shielded Mic. Cable	RG58C/U	Length	LIST
2BA-MG-18	18.85	2BB-MG-36	2BC-MG-18	457.2 (18.0)	16.90
2BA-MG-24	19.05		2BC-MG-24	609.6 (24.0)	17.20
2BA-MG-30	19.35		2BC-MG-30	762.0 (30.0)	17.50
2BA-MG-36	19.65		2BC-MG-36	914.4 (36.0)	17.80
2BA-MG-48	20.25		2BC-MG-48	1219.2 (48.0)	18.40
2BA-MG-60	20.85		2BC-MG-60	1524.0 (60.0)	19.00

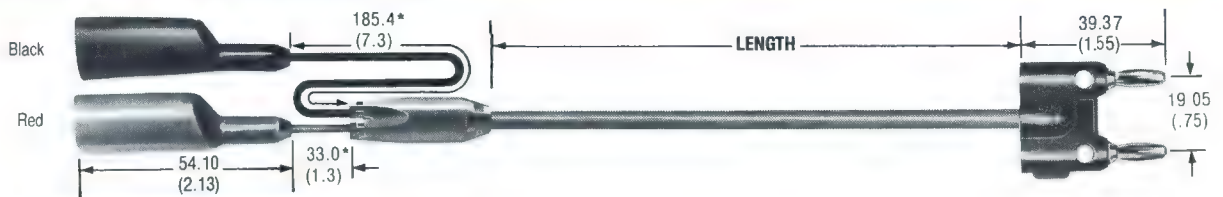
1ST END: Minigator Clips. Steel, Cadmium plated. Vinyl boots, one black and one red. *Breakout lengths on 2BA-MG are each 109.2mm (4.3) long.
CABLE: Two cond. twisted pair 6.35mm (.250) O.D. 300 VRMS; shielded Mic. 4.95mm (.195) O.D. 1900 VRMS; RG 58 C/U 4.95mm (.195) O.D. 1400 VRMS. Y-mold insulation, PVC.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polyethylene.
RATING: +50°C. (+122°F.) Max.

POMONA

CABLE ASSEMBLIES

ALLIGATOR CLIPS TO DOUBLE BANANA PLUG



Two Cond. Twisted Pair	LIST	Shielded Mic. Cable	RG58C/U	Length	LIST
2BA-AL-18	16.85	2BB-AL-18	2BC-AL-18	457.2 (18.0)	13.85
2BA-AL-24	17.15	2BB-AL-24	2BC-AL-24	609.6 (24.0)	14.15
2BA-AL-30	17.45	2BB-AL-30	2BC-AL-30	762.0 (30.0)	14.45
2BA-AL-36	17.75	2BB-AL-36	2BC-AL-36	914.4 (36.0)	14.75
2BA-AL-48	18.35	2BB-AL-48	2BC-AL-48	1219.2 (48.0)	15.35
2BA-AL-60	18.95	2BB-AL-60	2BC-AL-60	1524.0 (60.0)	15.95

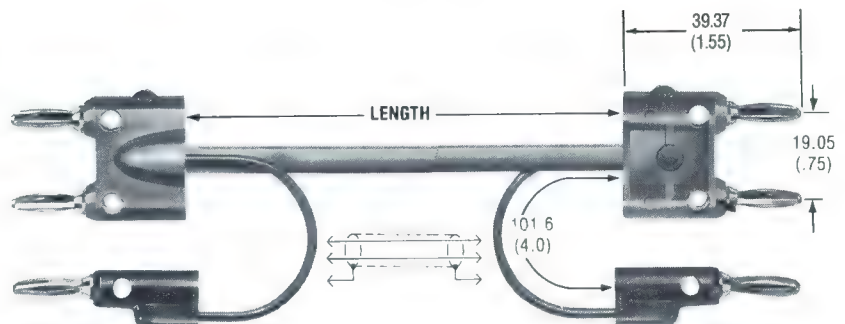
1ST END: Alligator Clips. Steel, nickel plated. Vinyl boots. *Breakout lengths on 2BA-AL are each 96.52 mm (3.8) long.
CABLE: Two cond. twisted pair 6.35 mm

(.250) O.D. rated at 300 VRMS; shielded mic. 4.95 mm (.195) O.D. rated at 1900 VRMS or RG58C/U 4.95 mm (.195) O.D. rated at 1400 VRMS. Y-mold insulation, PVC.

2ND END: Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polyethylene.
RATING: +50°C. (+122°F.) Max.

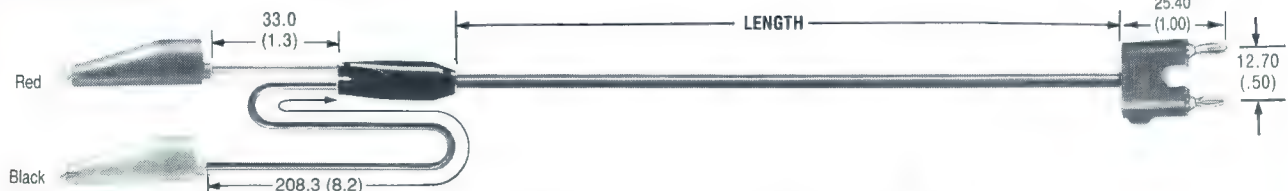
TWO COND. SHIELDED BALANCED LINE

1ST END: Double Banana Plug and Single Banana Plug. Brass body, beryllium copper spring, nickel plated. Double banana plug insulation; polyethylene, gray. Single banana plug insulation; polypropylene, green.
CABLE: Two conductor shielded microphone, 5.87 mm (.231) O.D.
2ND END: Same as first end.
RATING: 1000 VRMS, +55°C. (+131°F.) Max.



MODEL	Length	LIST
1167-18	457.2 (18.0)	24.30
1167-24	609.6 (24.0)	24.60
1167-30	762.0 (30.0)	24.90
1167-36	914.4 (36.0)	25.20
1167-48	1219.2 (48.0)	25.80
1167-60	1524.0 (60.0)	26.40

MINIGATOR CLIPS TO MINIATURE DOUBLE BANANA PLUG



1ST END: Minigator Clips. Steel, cadmium plated. Insulation; vinyl.

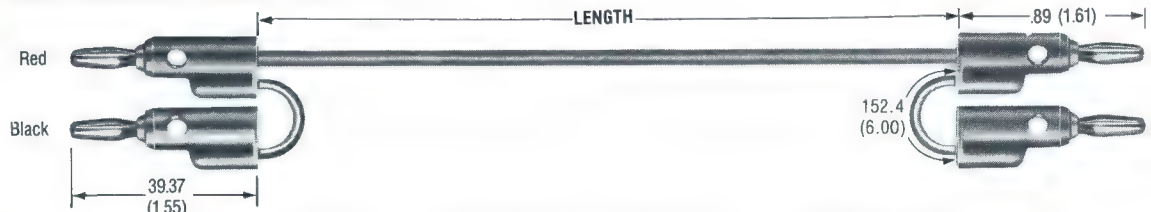
CABLE: RG 174/U, 2.54 mm (.100) O.D. Y-mold insulation; PVC, black.

2ND END: Miniature Double Banana Plug. Brass body, beryllium copper spring, gold plated. Insulation; polyethylene, black.
RATING: 1100 VRMS; +50°C. (+122°F.) Max.

MODEL	Length
3027-K-24	609.6 (24.0)

LIST 16.00

SINGLE STACKING BANANA PLUGS EACH END



MODEL	Length	LIST
2239-C-24	609.6 (24.0)	21.00
2239-C-36	914.4 (36.0)	21.60
2239-C-48	1219.2 (48.0)	22.20
2239-C-60	1524.0 (60.0)	22.80

1ST END: Single Stacking Banana Plugs. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene, red. Ground plug insulation; polypropylene, black.

CABLE: RG58C/U 4.95 mm (.195) O.D.

2ND END: Same as first end.
RATING: 1400 VRMS; +55°C. (+131°F.) Max.

POMONA

LOW THERMAL E.M.F. JUMPERS

HIGH CONDUCTIVITY ETP COPPER, ALLOY 110 LEADS FOR PRECISION MEASUREMENTS

Pomona Electronics offers products for use in measurements when thermoelectric effects are significant sources of error. Comparators designed for use with the Kelvin-Varley voltage divider and microvolt leads were tested with primary standards laboratory equipment.

Thermoelectric voltages were not detected until the most sensitive galvanometer range was used.

Thermoelectric properties - High Conductivity ETP Copper, Alloy 110, gold plated spade lugs cold-staked to multi-stranded 12 gauge copper wire minimize thermoelectric effects - an absolute necessity for low voltage, high precision measurements.

Low resistance - 12 gauge multi-stranded copper wire results in extremely low cable resistance. Spade lugs plated with 15 micro inches gold for minimum contact resistance and minimum thermal EMF when using copper binding posts (less than $0.01 \mu\text{V}/^\circ\text{C}$).

LOW THERMAL EMF RETRACTABLE SHEATH BANANA PLUG, EACH END



MODEL	Length	LIST
5291-12*	304.8 (12.0)	12.10
5291-36*	914.1 (36.0)	12.10
5291-60*	1524.0 (60.0)	13.40

1ST END: Sheathed Banana Plug. Tellurium copper body, beryllium copper spring, gold plated. Insulation, nylon.
WIRE: 12 AWG, 7 x 38/36 bare copper, PVC jacket, 3.66 (.144) O.D.

2ND END: Same as first end.
RATING: 1200 V AC/DC Max., 7 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

LOW THERMAL EMF RETRACTABLE SHEATH BANANA PLUG TO SPADE LUG

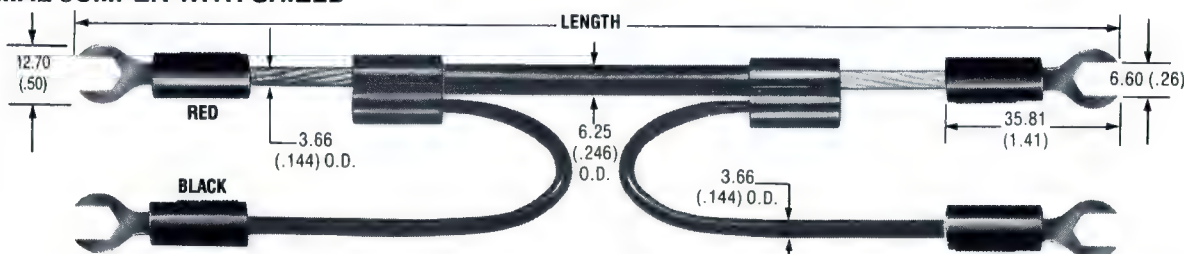


MODEL	Length	LIST
5295-12*	304.8 (12.0)	12.60
5295-36*	914.1 (36.0)	12.60
5295-60*	1524.0 (60.0)	14.40

1ST END: Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, nylon.
WIRE: 12 AWG, 7 x 38/36 bare copper, PVC jacket, 3.66 (.144) O.D.

2ND END: Spade Lug. ETP copper, alloy 110, gold plated. Insulation, polypropylene.
RATING: 1200 V AC/DC Max., 7 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

LOW THERMAL JUMPER WITH SHIELD

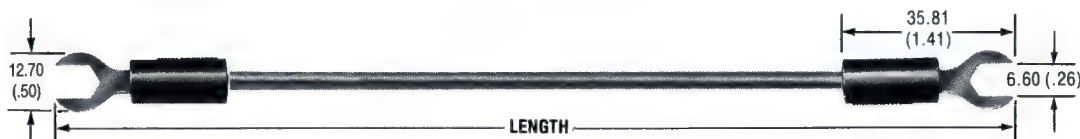


MODEL	Length	LIST
1756-24	609.6 (24.0)	32.00
1756-48	1219.2 (48.0)	35.00

Designed for use with Kelvin-Varley voltage dividers where extreme precision is required for low voltage measurements. Features guard shield to effectively reduce shunt resistance.
1ST END: Spade Lug. High conductivity ETP copper, alloy 110, gold plated. Insulation, polypropylene, one black and one red.

WIRE: 12 AWG, 7 x 38/36 bare copper, polyethylene insulation. Braid shield bare copper, PVC jacket. 6.25 (.246) O.D. per MIL-C-17A.
2ND END: Same as first end.
RATING: 2000 WVDC, 20 Amps, +55°C. (+131°F.) Max.

LOW THERMAL SPADE LUG JUMPER



MODEL	Length	LIST
1693-12*	304.8 (12.0)	11.40
1693-18*	457.2 (18.0)	11.85
1693-24*	609.6 (24.0)	12.30
1693-36*	914.4 (36.0)	13.20
1693-48*	1219.2 (48.0)	14.10
1693-60*	1524.0 (60.0)	15.00

Single High Conductivity ETP Copper, spade lug jumper used in applications where guard shield is not required.
1ST END: Spade Lug. High conductivity ETP copper, alloy 110, gold plated. Insulation, polypropylene, one black and one red.
WIRE: 12 AWG, 7 x 38/36 bare copper, PVC jacket 3.66 (.144) O.D.

2ND END: Same as first end.
RATING: 2000 WVDC, 20 Amps, +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MOLDED BREAKOUTS

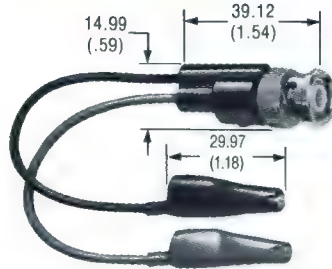
BNC MALE TO TEST CLIPS

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 18 AWG on alligator clips. 20 AWG on minigator clips. One black and one red.

2ND END: Alligator clips. Steel, nickel plated. Minigators. Steel, cadmium plated. Vinyl boots, one black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

MODEL	
2885	(Alligator Clips)
2886	(Minigator Clips)

LIST 10.30

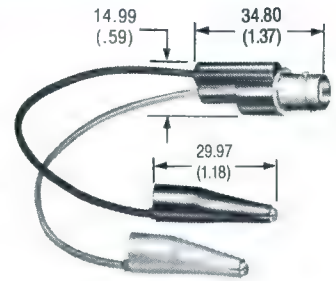
BNC FEMALE TO TEST CLIPS

1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 18 AWG on alligator clips. 20 AWG on minigator clips. One black and one red.

2ND END: Alligator clips. Steel, nickel plated. Minigators. Steel, cadmium plated. Vinyl boots, one black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

MODEL	
2630	(Alligator Clips)
2631	(Minigator Clips)

LIST 7.60

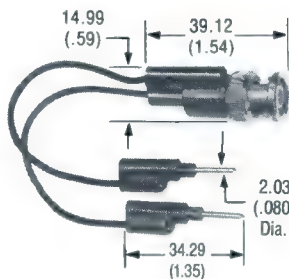
BNC MALE TO STACKING PIN TIP PLUGS

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

2ND END: Stacking Pin Tip Plugs. Brass, gold plated. Insulation; polypropylene. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

MODEL	
3901	

LIST 11.45

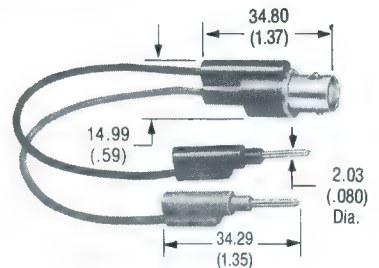
BNC FEMALE TO STACKING PIN TIP PLUGS

1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

2ND END: Stacking Pin Tip Plugs. Brass, gold plated. Insulation; polypropylene. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

MODEL	
3221	

LIST 8.15

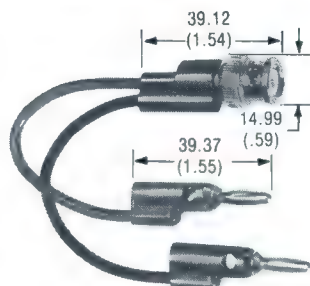
BNC MALE TO STACKING BANANA PLUGS

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 mm (.144) O.D. One black and one red.

2ND END: Stacking Banana Plugs. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

MODEL	
3957	

LIST 10.20

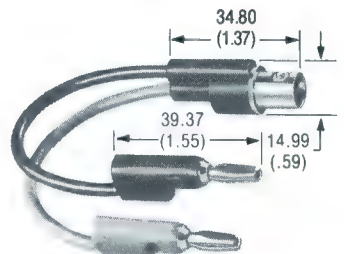
BNC FEMALE TO STACKING BANANA PLUGS

1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 mm (.144) O.D. One black and one red.

2ND END: Stacking Banana Plugs. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

MODEL	
3073	

LIST 7.00

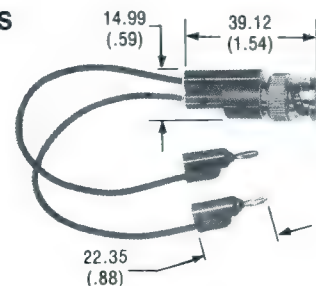
BNC MALE TO MINIATURE STACKING BANANA PLUGS

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

2ND END: Stacking Miniature Banana Plugs. Brass body, beryllium copper spring, gold plated. Insulation; polypropylene. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

MODEL	
4815	

LIST 10.90

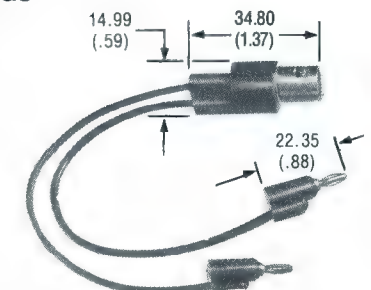
BNC FEMALE TO MINIATURE STACKING BANANA PLUGS

1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

2ND END: Stacking Miniature Banana Plugs. Brass body, beryllium copper spring, gold plated. Fits miniature 2.64 mm (.104) dia. banana jacks. Insulation; polypropylene. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm(7.0)

MODEL	
3966	

LIST 8.50

MOLDED BREAKOUTS

BNC MALE TO MICROGRABBER® TEST CLIPS

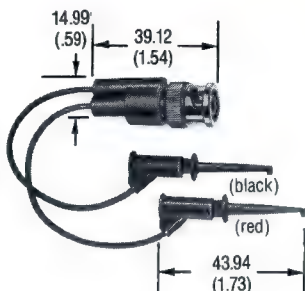
This molded breakout converts a coaxial cable with a BNC female to a test cable with clips.

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

2ND END: Micrograbber®. Contacts, beryllium copper, gold plated. Glass filled nylon insulation. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

5189

LIST 10.50

BNC MALE TO MINIGRABBER® TEST CLIPS

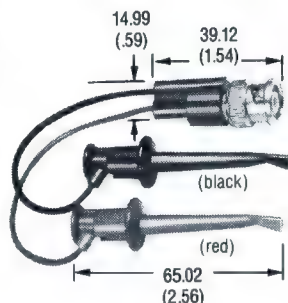
This molded breakout converts a coaxial cable with a BNC female to a test cable with clips.

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

2ND END: Minigrabber®. Contacts, beryllium copper, gold plated. Glass filled nylon insulation. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

3789

LIST 9.00

BNC FEMALE TO #8 SPADE LUGS

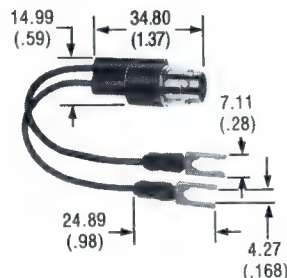
This molded breakout allows a BNC cable to be used with equipment having #8 screw terminals, such as fanning strips, etc.

1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

2ND END: #8 Spade Lugs. Copper, tin plated. Insulation; vinyl. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

5051

LIST 6.30

BNC FEMALE TO MICROGRABBER® TEST CLIPS

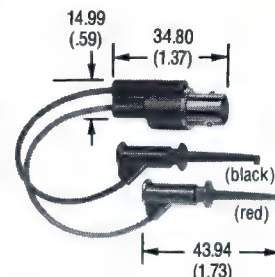
This molded breakout converts a coaxial cable with a BNC male to a test cable with clips.

1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

2ND END: Micrograbber®. Contacts, beryllium copper, gold plated. Glass filled nylon insulation. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

5188

LIST 9.70

BNC FEMALE TO MINIGRABBER® TEST CLIPS

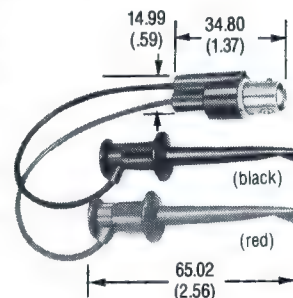
This molded breakout converts a coaxial cable with a BNC male to a test cable with clips.

1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 x 36 t.c., PVC insulated, 2.21 mm (.087) O.D. One black and one red.

2ND END: Minigrabber®. Contacts, beryllium copper, gold plated. Glass filled nylon insulation. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

3788

LIST 7.30

BNC MALE TO SMD GRABBER® TEST CLIPS

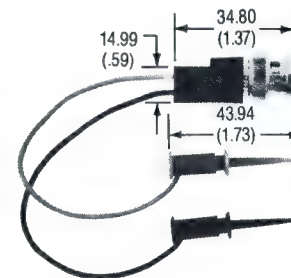
The pincer type action on this grabber allows attachment to the smallest of leads.

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D. One black and one red.

2ND END: SMD Grabber Test Clips. Selectively gold plated stainless steel contact. Glass filled nylon insulation. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

5410

LIST 12.50

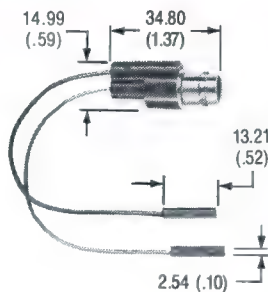
POMONA

MOLDED BREAKOUTS

BNC FEMALE TO 0.64 mm (.025) SQ. RECEPTACLES

This molded breakout can be attached directly to the 0.64 mm (.025) square pins on a circuit card.
1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.
WIRE: 22 AWG, 26 x 36 t.c., PVC insulated 1.63 mm (.064) O.D. One black and one red.

2ND END: 0.64 mm (.025) Square Pin Receptacles. Phosphor bronze, gold plated, ABS insulation. One black and one red.
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

5069

LIST 7.45

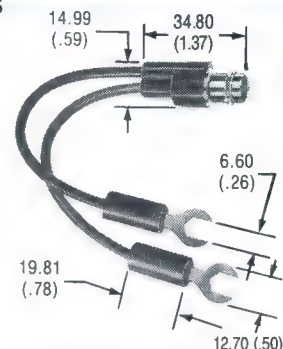
BNC FEMALE TO SPADE LUGS

This breakout allows a BNC cable to be used with equipment having binding posts.

1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 mm (.144) O.D. One black and one red.
2ND END: 1/4" Spade Lugs. Brass, nickel plated. Insulation; polypropylene. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

5009

LIST 8.85

BNC MALE TO 20 AWG LEADS

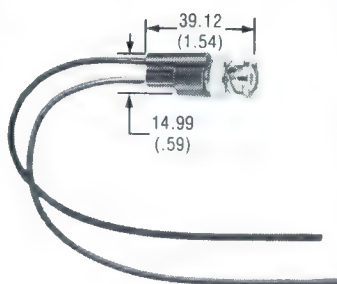
Attach your own breakout or wire directly to circuit board.

1ST END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 x 36 t.c., PVC insulated 2.21 mm (.087) O.D. One black and one red.

2ND END: None.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

4970

LIST 6.85

BNC FEMALE TO 20 AWG LEADS

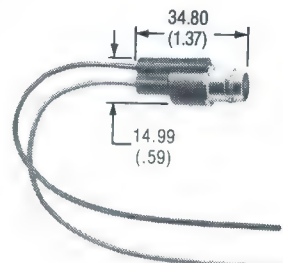
Attach your own breakout or wire directly to circuit board.

1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation; polypropylene, black.

WIRE: 20 AWG, 41 x 36 t.c., PVC insulated 2.21 mm (.087) O.D. One black and one red.

2ND END: None.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.



OVERALL LENGTH: 177.8 mm (7.0).

MODEL

4969

LIST 4.95

SMD GRABBER® TEST CLIPS TO BNC FEMALE



OVERALL LENGTH: 177.8 mm (7.0)

1ST END: BNC Female. Brass body, tarnish resistant plated. Center contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms. Insulation, polypropylene, black.

WIRE: 22 AWG, 26 x 36 t.c., PVC insulated, 1.63 mm (.064) O.D. One black and one red.

2ND END: SMD GRABBER® test clips. Contact, selectively gold plated stainless steel. Insulation, glass filled nylon. One black and one red.

RATING: Operating Voltage: 500 VRMS Max.; +55°C. (+131°F.) Max.

MODEL

5305

LIST 10.00

TEST LEAD HOLDER

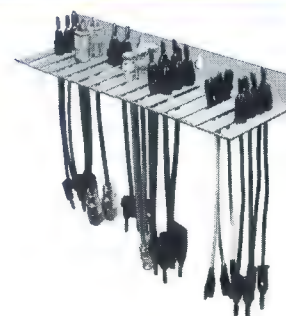
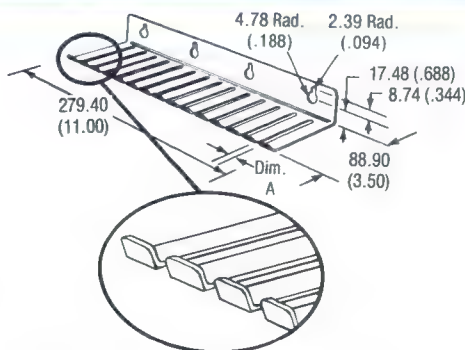
TEST LEAD HOLDER

No need to spend time searching for a particular test lead. With these racks, all of your patch cords and cable assemblies can be conveniently filed for instant selection - within easy reach. Holder mounts quickly on any vertical surface. Test leads are easy to store, easy to remove. Three models to choose from for different size cables.

MATERIALS: Cold rolled steel.

FINISH: Baked enamel.

MODEL	Color	Max. Cable Dia. (Dim. A)
1508	Orange	5.33(.210)
4408	Black	8.13(.320)
2708	Blue	11.43(.450)

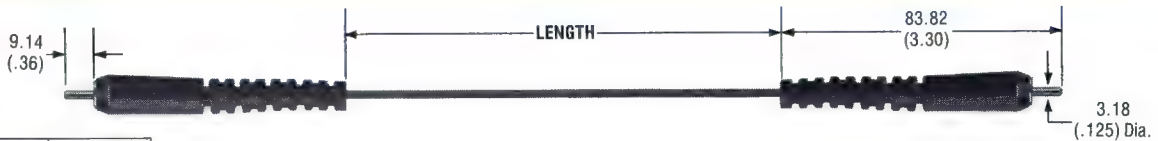


LIST 4.95

POMONA

AUDIO/VIDEO CABLE ASSEMBLIES

PHONO PLUG BOTH ENDS



MODEL	Length	LIST
5092-K-18	457.2 (18.0)	14.05
5092-K-24	609.6 (24.0)	14.35
5092-K-36	914.4 (36.0)	14.95
5092-K-48	1219.2 (48.0)	15.55

1ST END: Phono plug. Brass, nickel plated. Boot; PVC, black.
CABLE: RG174/U, 2.54 mm (.100) O.D.

2ND END: Same as first end.
RATING: 500 VRMS; +50°C. (+122°F.) Max.

PHONO PLUG TO BNC MALE



MODEL	Length	LIST
4963-E-24	609.6 (24.0)	11.75
4963-E-36	914.4 (36.0)	12.35
4963-E-48	1219.2 (48.0)	12.95
4963-E-60	1524.0 (60.0)	13.55

1ST END: Phono plug. Brass, nickel plated. Boot; PVC, black.
CABLE: RG59B/U, 6.15 mm (.242) O.D., 75 OHM.

2ND END: BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

TYPE "F" PUSH-ON TO PHONO PLUG



MODEL	Length
5025-E-72	1829 (72.0)

1ST END: Push-on Type "F" Male. Brass, nickel plated. Boot; PVC, black.
CABLE: RG59B/U, 6.15 mm (.242) O.D., 75 OHM.

2ND END: Phono Plug. Brass, nickel plated. Boot; PVC, black.
RATING: 500 VRMS; +50°C. (+122°F.) Max.

LIST 14.75

TYPE "F" MALE PUSH-ON TO BNC MALE



MODEL	Length	LIST
4939-PP-24	609.6 (24.0)	14.00
4939-PP-36	914.4 (36.0)	14.75
4939-PP-48	1219.2 (48.0)	15.50
4939-PP-60	1524.0 (60.0)	16.25

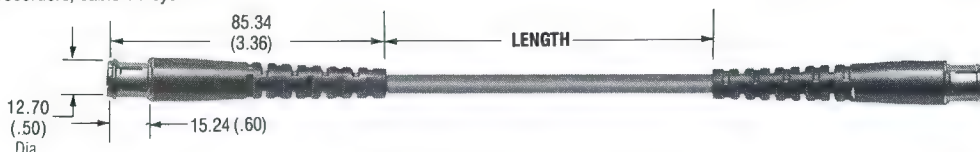
1ST END: Push-on Type "F" Male. Brass, nickel plated. Boot; PVC, black.

CABLE: RG59 type CATV cable 6.15 mm (.242) O.D.

2ND END: Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot; PVC, black.
RATING: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

TYPE "F" MALE PUSH-ON EACH END

This "F" type fits standard female "F" connectors. Positive connection is made by pushing the male onto the female connector. Excellent for television inputs, video recorders, cable TV systems, etc.



MODEL
4920-PP-48

1ST END: Push-on Type "F" Male. Brass, nickel plated. Boot; PVC, black.

CABLE: RG59 type CATV cable 6.15 mm (.242) O.D.

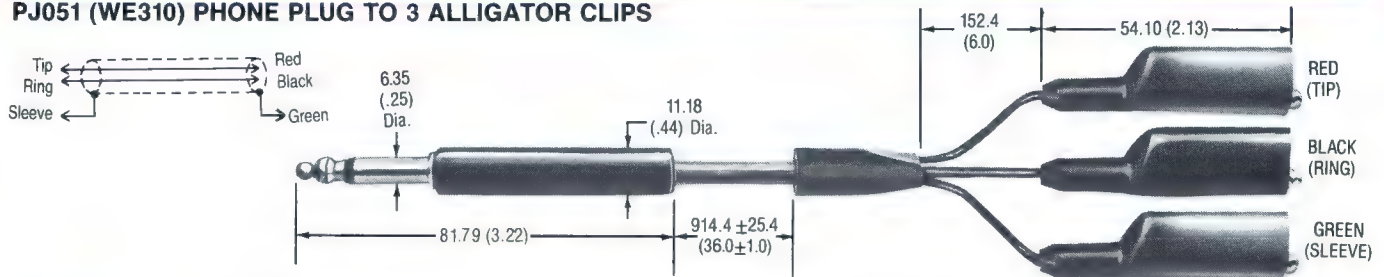
2ND END: Same as first end.
RATING: 500 VRMS; +50°C. (+122°F.) Max.

LIST 11.45

POMONA

TELEPHONE CABLE ASSEMBLIES

PJ051 (WE310) PHONE PLUG TO 3 ALLIGATOR CLIPS



1ST END: Phone Plug PJ-051, with red phenolic handle. Body, brass.

CABLE: Two cond. shielded microphone. Polyethylene insulation. Vinyl jacket 5.87

(.231) O.D. nom. cap. between cond. 18 pf/ft. Nom. cap. between one cond. and remaining cond. connected to shield 32 pf/ft. Color: Gray. Y-mold insulation; PVC, gray.

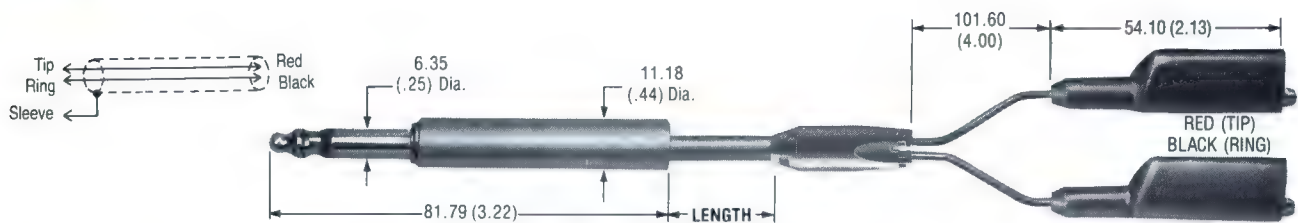
2ND END: Alligator clips, steel, nickel plated. Vinyl boots; one red, one black, and one green.

RATING: 500 V Peak, + 50°C. (+ 122°F.) Max.

MODEL
5151-J-36

LIST 32.00

PJ-051 (WE 310) PHONE PLUG TO ALLIGATOR CLIPS



MODEL	Length	LIST
3352-A-36	914.4(36.0)	25.90
3352-A-60	1524.0(60.0)	27.70
3352-A-84	2133.6(84.0)	29.50
3352-A-120	3048.0(120)	31.30

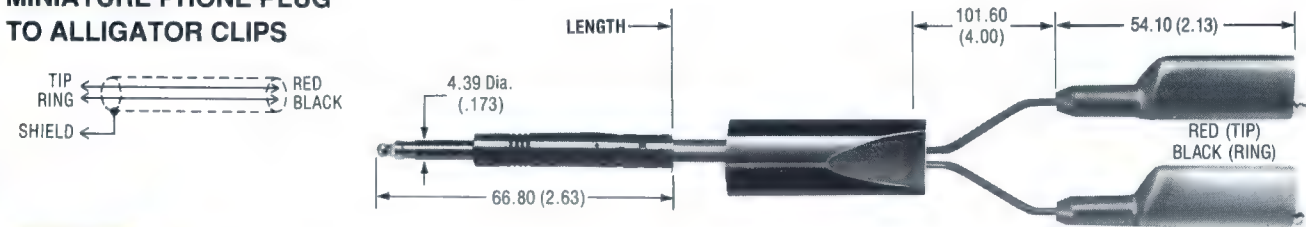
1ST END: PJ-051 Phone Plug, brass. insulation; Phenolic, red.

CABLE: Two cond. twisted pair, 65 x 36 t.c., 6.35 mm (.250) O.D. Y-Mold insulation; PVC, gray.

2ND END: Alligator clips, steel, nickel plated. Vinyl boots, one black and one red.

RATING: 300 VRMS, + 50°C. (+ 122°F.) Max.

MINIATURE PHONE PLUG TO ALLIGATOR CLIPS



MODEL	Length	LIST
5026-36	914.4(36.0)	25.40
5026-60	1524.0(60.0)	26.60
5026-84	2133.6(84.0)	29.00

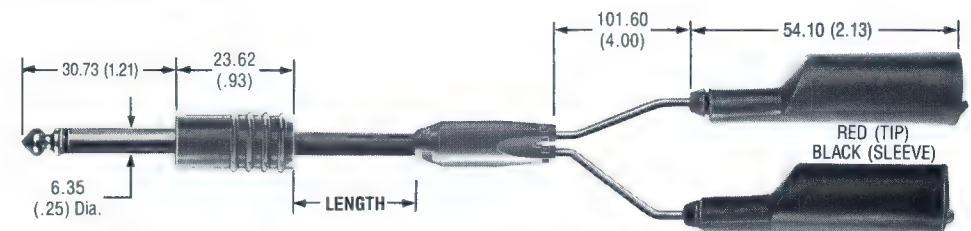
1ST END: Miniature 3 Cond. Phone Plug. Insulation, PVC, black. Sleeve, no connection.

CABLE: Two cond. shielded, 22 AWG, 7 x 30 t.c., 4.57(.180) O.D. Y-mold insulation, PVC, gray.

2ND END: Alligator clips. Steel, nickel plated. Vinyl boots, one black and one red.

RATING: 500 V Peak, + 50°C. (+ 122°F.) Max.

STANDARD PHONE PLUG TO ALLIGATOR CLIPS



MODEL	Length	LIST
4990-B-36	914.4(36.0)	16.80
4990-B-60	1524.0(60.0)	18.00
4990-B-84	2133.6(84.0)	21.20
4990-B-120	3048.0(120)	23.00

1ST END: Standard 2 cond., Phone Plug. Brass, nickel plated. Insulation; polyethylene, gray.

CABLE: Shielded microphone coaxial, 4.95 mm (.195) O.D. Y-Mold insulation; PVC, gray.

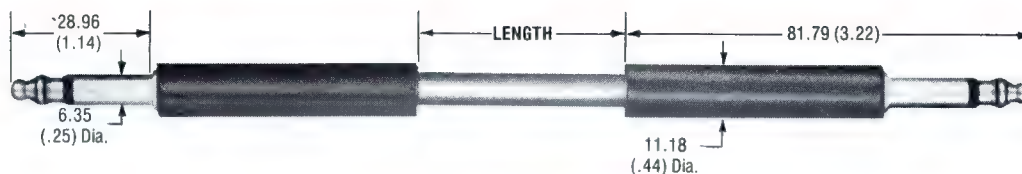
2ND END: Alligator clips. Steel, nickel plated. Vinyl boots, one black and one red.

RATING: 500 V Peak, + 50°C. (+ 122°F.) Max.

POMONA

TELEPHONE CABLE ASSEMBLIES

PJ-051 (WE310) PHONE PLUG EACH END



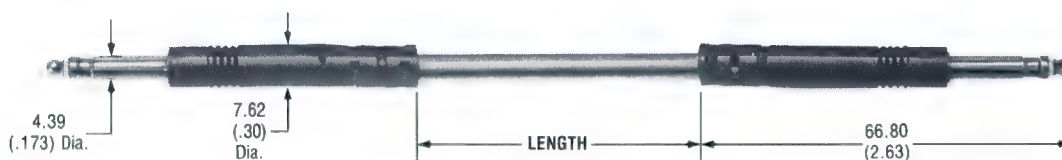
MODEL	Length	LIST
2524-A-18	457.2(18.0)	28.95
2524-A-24	609.6(24.0)	29.25
2524-A-36	914.4(36.0)	29.85
2524-A-48	1219.2(48.0)	30.45
2524-A-60	1524.0(60.0)	31.05

WIRED TIP AND RING ONLY
1ST END: PJ-051 Phone Plug. Brass. Insulation; phenolic, red.
CABLE: Two conductor twisted pair. 6.35 mm (.250) O.D.
2ND END: Same as first end.
RATING: 500 V Peak.

MODEL	Length	LIST
2524-J-18	457.2(18.0)	36.30
2524-J-24	609.6(24.0)	36.60
2524-J-36	914.4(36.0)	37.20
2524-J-48	1219.2(48.0)	37.80
2524-J-60	1524.0(60.0)	38.40

WIRED TIP, RING AND SLEEVE
1ST END: PJ-051 Phone Plug. Brass. Insulation; phenolic, red.
CABLE: Two conductor shielded microphone, 5.87 mm (.231) O.D.
2ND END: Same as first end.
RATING: 500 V Peak.

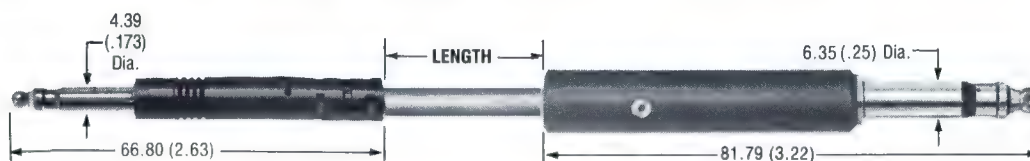
MINIATURE PHONE PLUG EACH END



MODEL	Length	LIST
4279-12	304.8(12.0)	21.45
4279-24	609.6(24.0)	22.05
4279-36	914.4(36.0)	22.65
4279-48	1219.2(48.0)	23.25
4279-60	1524.0(60.0)	23.85

WIRED TIP, RING AND SLEEVE
1ST END: Miniature 3 Cond. Phone Plug. Insulation, PVC, black. Sleeve, no connection.
CABLE: Two cond. shielded, 22 AWG, 7 x 30 t.c., 4.57 (.180) O.D.
2ND END: Same as first end.
RATING: 500 V. Peak, +50°C. (+122°F.) Max.

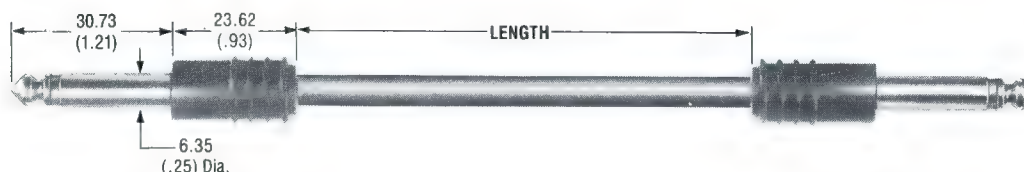
MINIATURE PHONE PLUG TO PJ-051 (WE 310) PHONE PLUG



MODEL	Length	LIST
4280-36	914.4(36.0)	49.95
4280-48	1219.2(48.0)	50.55
4280-60	1524.0(60.0)	51.15

WIRED TIP, RING AND SLEEVE
1ST END: Miniature 3 Cond. Phone Plug. Insulation, PVC, black. Sleeve, no connection.
CABLE: Two cond. shielded, 22 AWG, 7 x 30 t.c., 4.57 (.180) O.D.
2ND END: PJ-051 Phone Plug. Brass. Insulation, phenolic, red.
RATING: 500 V. Peak, +50°C. (+122°F.) Max.

STANDARD PHONE PLUG EACH END



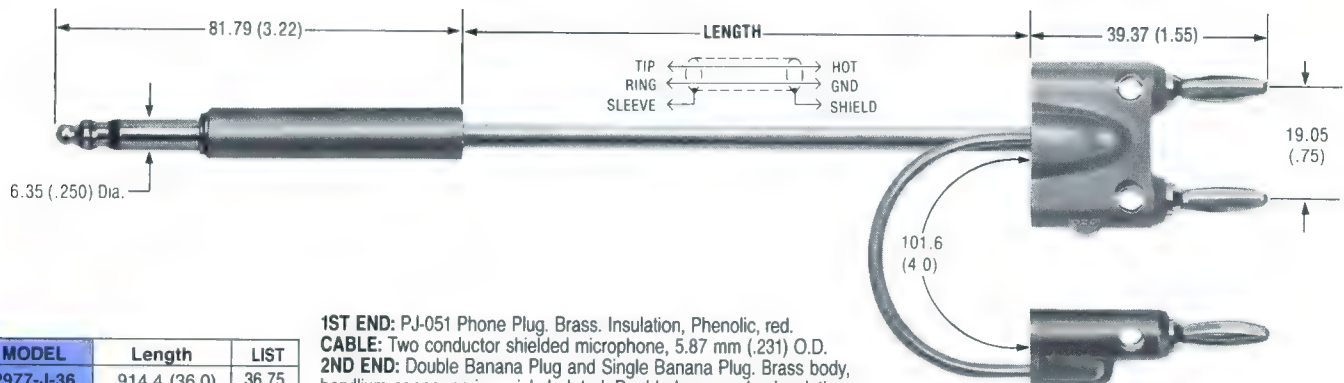
MODEL	Length	LIST
4053-B-36	914.4(36.0)	17.25
4053-B-60	1524.0(60.0)	18.45

1ST END: Standard 2 Cond. Phone Plug. Brass, nickel plated. Insulation; polyethylene, gray.
CABLE: Shielded microphone, coaxial. Gray vinyl jacket, 4.95 mm (.195) O.D.
2ND END: Same as first end.
RATING: 500 V Peak; +55°C. (+131°F.) Max.

POMONA

AUDIO/VIDEO CABLES ASSEMBLIES

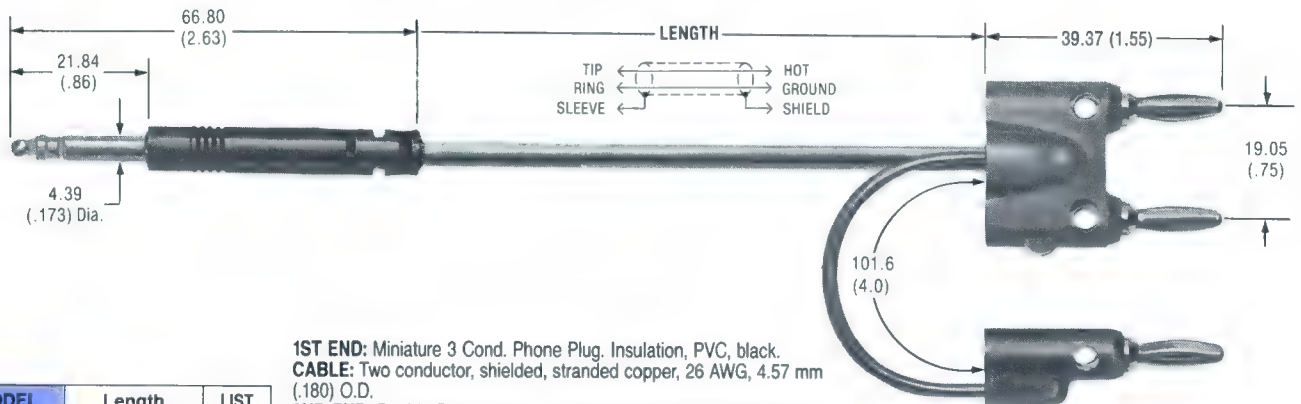
PJ-051 (WE310) TO DOUBLE PLUG BALANCED LINE



MODEL	Length	LIST
2977-J-36	914.4 (36.0)	36.75
2977-J-48	1219.2 (48.0)	37.35
2977-J-60	1524.0 (60.0)	37.95

1ST END: PJ-051 Phone Plug. Brass. Insulation, Phenolic, red.
CABLE: Two conductor shielded microphone, 5.87 mm (.231) O.D.
2ND END: Double Banana Plug and Single Banana Plug. Brass body, beryllium copper spring, nickel plated. Double banana plug insulation; polyethylene, gray. Single banana plug insulation; polypropylene, green.
RATING: 500 V Peak, + 55°C. (+ 131°F.) Max.

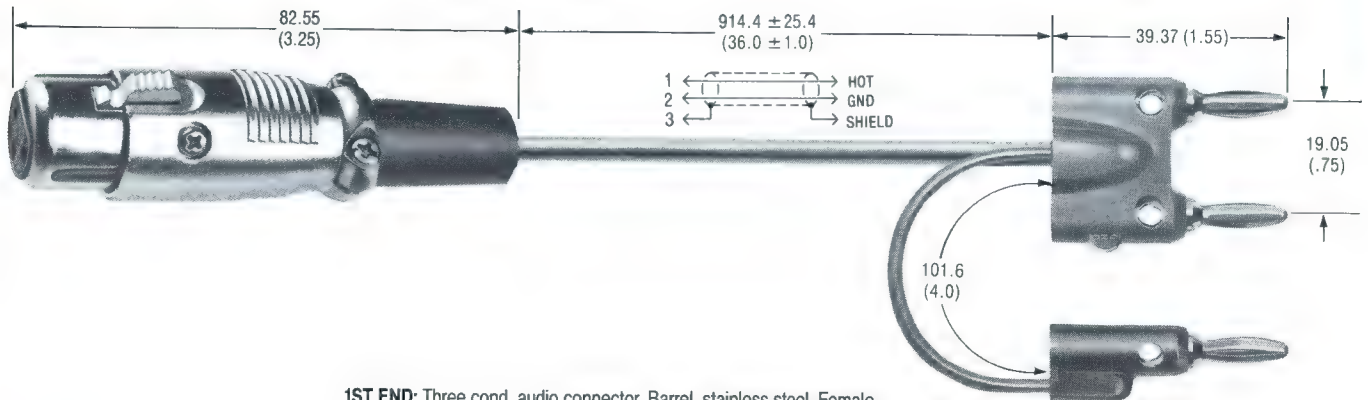
MINIATURE PHONE PLUG TO DOUBLE PLUG BALANCED LINE



MODEL	Length	LIST
4281-36	914.4 (36.0)	33.95
4281-48	1219.2 (48.0)	34.55
4281-60	1524.0 (60.0)	35.15

1ST END: Miniature 3 Cond. Phone Plug. Insulation, PVC, black.
CABLE: Two conductor, shielded, stranded copper, 26 AWG, 4.57 mm (.180) O.D.
2ND END: Double Banana Plug and Single Banana Plug. Brass body, beryllium copper spring, nickel plated. Double banana plug insulation; polyethylene, gray. Single banana plug insulation; polypropylene, green.
RATING: 500 V Peak, + 55°C. (+ 131°F.) Max.

AUDIO CONNECTOR TO THREE BANANA PLUGS



MODEL
4953-J-36

1ST END: Three cond. audio connector. Barrel, stainless steel. Female contacts, silver plated. Metal latching mechanism.
CABLE: Two conductor shielded microphone, 5.87 mm (.231) O.D.
2ND CABLE: Double Banana Plug and Single Banana Plug. Brass body, beryllium copper spring, nickel plated. Double banana plug insulation; polyethylene, gray. Single banana plug insulation; polypropylene, green.
RATING: 133 WVDC, + 55°C. (+ 131°F.) Max.

LIST 40.40

POMONA

SPECIFICATIONS

TECHNICAL SPECIFICATIONS CABLE AND WIRE

CABLE DESCRIPTION

Cable Designation	RG No.	Description AWG Stranding Material	Jacket	Nom. Imp. Ohms	Nom. Cap. pf/ft.	Oper. Temp. °C	O.D.
A	—	2 conductor, twisted pair, 18 AWG, 65 x 36 tinned copper.	Vinyl	—	30	-20, +105	6.35 (.250)
B	—	Microphone cable, single conductor	Vinyl	50	30.8	-20, +80	4.95 (.195)
C	58C/U	20 AWG (.19 x .0071) tinned copper	Black, non-contam. vinyl	50	30.8	-55, +80	4.95 (.195)
E	59B/U	.023 solid bare copperweld	Black, non-contam. vinyl	75	20.5	-55, +80	6.15 (.242)
H	188A/U	26 AWG (7 x .0067) silver coated copper covered steel	Teflon	50	29	-70, +200	2.59 (.102)
J	—	2 conductor shielded microphone cable, 22 AWG, Belden 8422	Vinyl	—	18* 32**		5.87 (.231)
K	174/U	26 AWG (7 x 34) bare copperweld	Black vinyl	50	30.8	-40, +80	2.54 (.100)
M	62A/U	22 AWG solid bare copperweld	Black, non-contam. vinyl	93	13.5	-55, +80	6.15 (.242)
S	213/U	13 (7 x 21) bare copper	Black, non-contam. vinyl	50	30.8	-40, +80	10.29 (.405)
T	214/U	13 (7 x .0296) silver coated copper	Black, non-contam. vinyl	50	30.8	-40, +80	10.80 (.425)
X	142 B/U	18 AWG solid silver coated copper covered steel	Tinted brown FEP	50	29.0	+200° Max.	4.95 (.195)
Y	223/U	19 AWG solid silver coated copperweld	Black, non-contam. vinyl	50	30.8	-55, +80	5.23 (.206)
BB	316/U	26 AWG (7 x .0067) silver coated copper covered steel	White FEP	50	29.0	+200° Max.	2.49 (.098)
CC	—	20 (7 x 28) tinned copper Belden 9272	Blue vinyl	78	19.7	-55, +80	6.15 (.242)
EE	179B/U	30 AWG (7 x 38) silver coated copper covered steel	Tinted brown FEP	75	19.5	-70, +200	2.54 (.100)
LL	—	27 AWG (7 x 35) bare copper covered steel Belden 8218	Black vinyl	75	20.5	+60	3.81 (.150)
NN	—	22 AWG (19 x 34) tinned copper, Belden 9966	Vinyl	—	49*	+105	4.47 (.176)
PP	—	.023 solid copper covered steel	Black vinyl	75	17.3	-20, +80	6.15 (.242)
RR	—	20 AWG solid bare copper, Belden 8281	Black, polyethylene	75	21	-60, +80	7.72 (.304)
SS	—	22 AWG (7 X 30) T.C.	Black vinyl	50	40	-40, +80	4.95 (.195)
	108A/U	20 AWG (7 X 28) T.C.	Vinyl	78	24.5	-40, +80	5.97 (.235)
		12 AWG (7 X 38/36) Bare copper shield	Vinyl	—	—	+60	6.25 (.246)
		20 AWG (19 x 32) T.C., Belden 9961	Vinyl	—	102**	+105	2.77 (.109)
		24 AWG (45 x 40) tinned cadmium bronze, Belden 8420	Vinyl	—	22	+80	4.70 (.185)
		24 AWG (7 x 32) T.C., Belden 8641	Vinyl	—	22	+60	4.27 (.168)

*Capacitance between conductors. **Capacitance between (1) conductor and remaining conductor connected to shield.

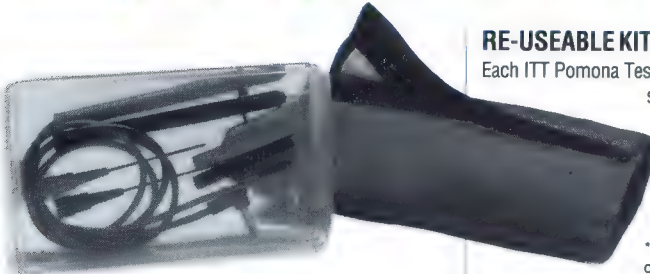
WIRE DESCRIPTION

Wire Designation	AWG	Description	O.D.	Jacket	Temperature Range	Color
B	18	65/36 T.C.	3.66 (.144)	P.V.C. 105°C	-20°C to +105°C	10 Colors
P	20	41/36 T.C.	2.21 (.087)	P.V.C. 105°C	-20°C to +105°C	10 Colors
PTO	22	26/36 T.C.	1.63 (.064)	P.V.C. 105°C	-20°C to +105°C	10 Colors
	12	7 x 38/36 T.C.	3.66 (.144)	P.V.C. 105°C	+60°C	Black, Red, Green
	18	16/30 T.C.	3.61 (.142)	Silicon Rubber	+150°C	White

POMONA

Test Lead Kits and Accessories: For Digital Multimeters

You Can Buy Test Leads Anywhere, But Nothing Beats Pomona For Quality, Versatility, and Long-lasting Performance



RE-USEABLE KIT CASE AND POUCH

Each ITT Pomona Test Lead Kit comes in either a sturdy, molded plastic case or in a Velcro*-sealed nylon pouch to keep kit contents intact, while providing a re-useable container suited for pocket or toolbox.

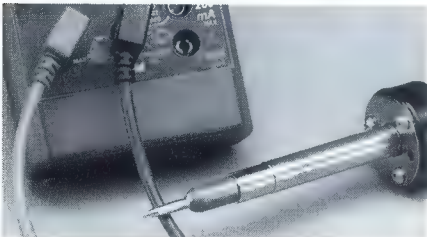
* Velcro is a Registered Trademark of Velcro USA, Intl.

Built on a tradition of quality and trusted, day-in-day out use, Pomona Electronics provides industry's most complete family of test leads and accessories, now available in a selection of versatile kits. Each kit is packed with the right items to meet your specific testing requirements. Examine the many exclusive features to make your job easier, assure accurate readings, and extend the life of these vital links between the product under test and your digital multimeter.

SILICONE INSULATION

More pliable, easier to handle than conventional PVC insulation. Virtually impervious to accidentally burned or melted insulation, typically a problem when a hot soldering iron may inadvertently touch the test lead.

Silicone insulation is a special quality feature on 7 kits. You can order any of these kits or any individual product shown from the Pomona Electronics Catalog.



INTERCHANGEABLE PROBES & CLIPS THAT STAY TOGETHER

5 kits feature a sleeved banana "Pop-Jack" connector on the end of the silicone-insulated wire to accommodate a wide variety of probes and clips. It goes together smoothly yet stays together. There's no key-way or threading, just a great design that keeps things from coming undone. 7 different interchangeable probes and clips connect to the test leads. Think about it like a "Chinese finger puzzle." In Pomona's MAXI-KIT (Kit No. 5677) for example, 12 Pop-Jack probes and clips are provided for maximum testing versatility and dependability.



INSULATED ALLIGATOR CLIP



SPADE LUG



INSULATED BATTERY CLIP



MINIGRABBER® TEST CLIP
(with 10" Silicone Extension Wire and Interface Jack)



MINIPINCER™ TEST CLIP
(with 10" Silicone Extension Wire and Interface Jack)

FIELD REPAIRABLE

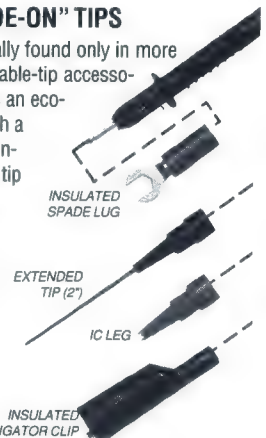
By simply unscrewing the threaded cap on the probe handle, broken or intermittent test leads can be easily repaired in the field in just a few minutes. Each probe tip is designed for easy repair at lead interface while assuring electrical signal integrity when correctly repaired.



LOW-COST "SLIDE-ON" TIPS

Adding versatility usually found only in more expensive interchangeable-tip accessories, Pomona provides an economical alternative with a complete selection of industry's most popular tip styles in a practical, "slide-on" design.

Simply select the tip desired and slide it right over the standard probe tip. Slide-on tips are provided in 7 different Test Lead Kits.



REPLACEABLE PROBE TIP SELECTION

2 kits include a chuck-nut probe head that accepts any of four different tips for various applications. The Dog-Leg Microtip is for probing high density SMT board circuitry. Its flexible design lets the probe tip stay put even with slight handle movement. The Shouldered Microtip provides a very small needle point, ideal for piercing insulation while leaving only the smallest hole. A stainless steel Needle Tip is for those preferring very sharp tips. The tip stays sharp longer for dependable accuracy. The Notched Brass Tip provides a standard-style softer tip for low resistance contact.



EXTENDABLE TIPS

By simply loosening the threaded probe handle nut, a stainless steel, Kynar* insulated tip extends from within the probe handle to a fully extended length of 3" (76.20mm). Makes easy, accurate contact of test points in high-density or otherwise inaccessible locations. An extendable probe is featured in the Maxi-Kit (5677) and Kit 5671.

* Kynar is a Registered Trademark of Penwalt Corp.

SEE NEW TEST LEAD KITS- PGS 124-126

POMONA

TEST LEAD KITS

Standard Replacement Test Leads

Kit contains 2 Test Probe Leads (**Models 5433, 5434, 5435, or 5436**), one black and one red. Kit supplied in a reusable plastic case.

Model 5516 (Group A) LIST 11.20 Kit
Model 5517 (Group B) LIST 11.20 Kit
Model 5518 (Group C) LIST 11.20 Kit
Model 5519 (Group D) LIST 11.20 Kit



Replaceable Tip Probe to Stacking Banana Plug Pair



Contains 2 Test Probe Leads (**Model 4851-48**), one black and one red. Pair is supplied in a reusable plastic pouch.

Model 5309 LIST 9.50 Pair

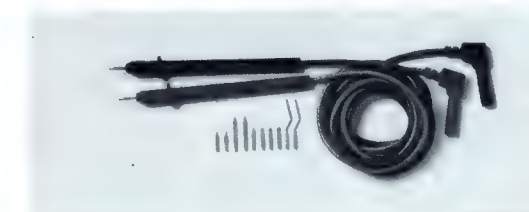
Field Repairable Test Lead Kit



Kit contains 2 pcs. each 18-AWG Silicone Test Probe Leads (**Model 5680-48**), one black and one red. Tips can be removed from probe handle. Wire is soldered to tips for reparability. Kit supplied in a reusable plastic case.

Model 5670 LIST 14.20 Kit

Replaceable Tip Probe Kit



Kit contains 2 pcs. each: Replaceable Tip Test Probe Leads on Silicone Wire (**Model 5687-48**), one black and one red. Kit also contains 2 each: Dog Leg Micro Tips (**Model 5133**), 2.03 (.080) Needle Tips (**Model 4174**), Shouldered Micro Tips (**Model 4988**) and 4 ea. Standard Brass Tips (**Model 5688**). Kit supplied in a reusable plastic case.

Model 5676 LIST 22.90 Kit

Replaceable Tip Lead to Stacking Banana Plug Kit

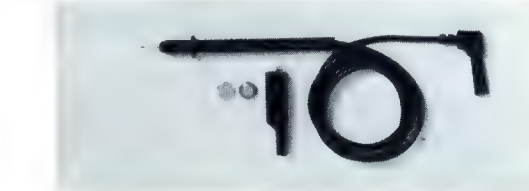


Kit contains 2 pcs. each: Test Probe Leads (**Model 4851-48**), and Alligator Clips (**Model 1437**), one black and one red. It also includes 2 pcs.: Dog Leg Micro Tips (**Model 5133**). Kit supplied in a reusable plastic pouch.



Model 5325-48 LIST 17.00 Kit

Pen Meter Test Lead Kit



Kit contains 1 each Test Probe Lead on 18 AWG PVC Wire (**Model 5436-48-0**), and Alligator Clip (**Model 1437-0**). Kit supplied with 2 Batteries (LR44) in a reusable plastic pouch.

Model 5679 LIST 8.60 Kit

POMONA

TEST LEAD KITS

Extendable Tip Test Lead Kit

Kit contains 1 each: Insulated Stainless Steel Extendable Test Probe Lead (**Model 5681-2**), Alligator Clip (**Model 5544-0**) and Pop Jack Silicone Lead (**Model 5547-48-0**). Kit supplied in a reusable plastic case.

Model 5671 LIST 21.40 Kit



Low Cost Test Lead Kit for Electronics

Kit contains 2 pcs. each: Test Probe Leads on 18 AWG PVC Wire (**Model 5683-48**), one black and one red. Banana Plugs on meter end have no sleeve. Kit also contains 2 each: Slide-on Extended Tips (**Model 5682**) and Alligator Clips (**Model 1437**), one black and one red. Kit supplied in a reusable plastic case.

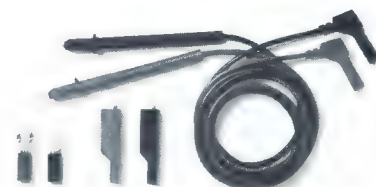
Model 5672 LIST 19.90 Kit



Medium-Duty Kit for Electrical Work

Kit contains 2 each: Test Probe Leads on 18 AWG Wire (**Model 5436-48**), Alligator Clip (**Model 1437**), one black and one red. Kit also contains 2 Spade Lugs (**Model 4769**), and is supplied in a reusable plastic case.

Model 5675 LIST 18.30 Kit



Multi-Use Kit for Electronics

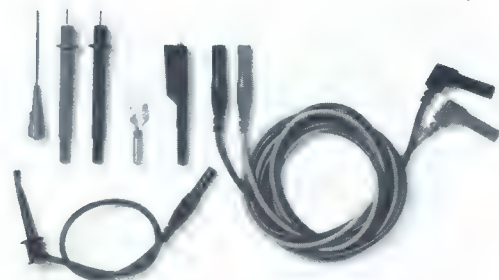
Kit contains 2 each: Probe Handles (**Model 5548**), Pop Jack Silicone Leads (**Models 5595, 5596, 5597 or 5547**), one black and one red. Kit also includes 1 each: Alligator Clip (**Model 5544-0**), Spade Lug (**Model 5546**), Minigrabber Lead (**Model 5545-10-0**), and Extended Slide-on Tip (**Model 5682**). Kit is supplied in a reusable nylon pouch.

Model 5592 (Group A) LIST 34.90 Kit

Model 5593 (Group B) LIST 34.90 Kit

Model 5594 (Group C) LIST 34.90 Kit

Model 5543 (Group D) LIST 34.90 Kit



These test leads were designed specifically as replacements for lost or damaged multi-meter leads. Sheathed banana plugs or jacks fit most multimeters made by Amprobe, B&K, Beckman, Fluke, Simpson and Triplet. (See tab block for specific models.)

Meter Group	FIT THESE INSTRUMENTS
A	Beckman Model Nos.: 3000, 3010, 3010UL, 3020, 3020B, 3030, Tech 300, Tech 310, Tech 310UL, Tech 320B, Tech 330 (shipped before August 1, 1983; Serial Numbers: 0XXXXXXX, 1XXXXXXX, 2XXXXXXX, 8XXXXXXX, 9XXXXXXX and 301XXXXX thru 307XXXXX). Most Amprobe Models
B	Simpson Model Nos.: 260 series 7, 270-5, 360-3, 460-5, 461, 461-2, 461-2R, 462, 463, 464-3, 467, 467E, 467dB, 470 and 474.
C	Triplet Model Nos.: 60 Type 2, 60-A, 60AC, 60NA Type 2, 64, 630 Type 4 and 630A Type 4.
D	Beckman Model Nos.: 3000, 3010, 3020, 3020B, 3030, Tech 300, Tech 310, Tech 320B, Tech 330 (shipped after August 1, 1983; Serial Numbers 308XXXXX thru 312XXXXX, 4XXXXXXX and 5XXXXXXX) 310B, 310T, 320, 350, 360, 4410, HD100, HD110, HD110T, HD130, HD140, DM40, DM45 and DM50. Fluke Model Nos.: 8025A, 25, 27, 73, 75, 77, 8020B, 8021B, 8022B, 8024B, 8026B, 8050A, 8060A, 8062A and 8840A. Most B&K Models

POMONA

TEST LEAD KITS

Heavy Duty Kit for Electrical Work



Kit contains 2 each: Probe Handles (Model 5548), Alligator Clips (Model 5544), Large Test Clips (Model 5685), Slide-on Extended Tips (Model 5682), Pop Jack Leads, (Model 5547), & Couplers (Model 5635), one black and one red. Kit also includes 2 Spade Lugs (Model 5546) and a nylon pouch.

Model 5673 LIST 39.90 Kit

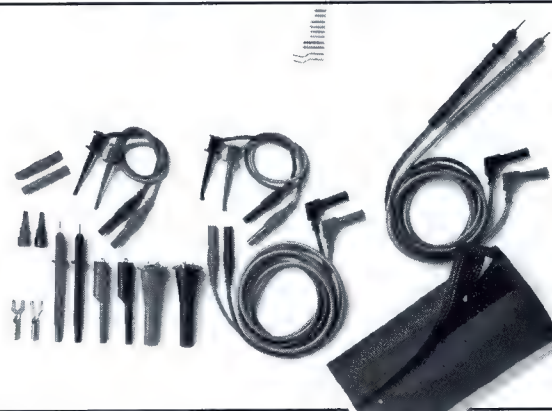
Deluxe Kit for Electronics



Kit contains 2 each: Probe Handles (Model 5548), Alligator Clips (Model 5544), Minigrabber Leads (Model 5545-10), Minipincer Leads (Model 5686), Slide-on IC Tips (Model 5246), Slide-on Extended Tips (Model 5682) and Pop Jack Leads, (Model 5547), one black and one red. Kit also includes 2 Spade Lugs (Model 5546) and a nylon pouch.

Model 5674 LIST 59.90 Kit

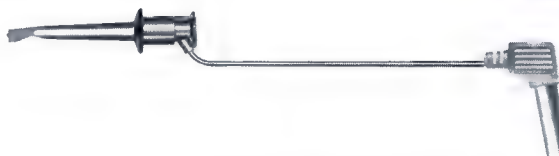
Maxi-Kit



Kit contains 2 each: Extendable Tip Probe Leads (Model 5681), Replaceable Tip Probe Handles (Model 5689), Pop Jack Leads (Model 5547), Couplers (Model 5635), Alligator Clips (Model 5544), Large Test Clips (Model 5685), Minigrabber Leads (Model 5545-10), Minipincer Leads (Model 5686), and Slide-on IC Tips (Model 5246), one black and one red. Kit also includes 2 Spade Lugs (Model 5546), Dog Leg Micro Tips (Model 5133), Needle Tips (Model 4174), Shouldered Micro Tips (Model 4988) and 4 Each: Standard Brass Tips (Model 5688). Kit is supplied in a nylon pouch.

Model 5677 LIST 79.90 Kit

Minigrabber® Test Lead



1ST END: Minigrabber Test Clip. Contact, beryllium copper, gold plated. Insulation: glass filled nylon.

WIRE: 18 AWG, 65 x 36 t.c., PVC insulated, 3.66 (.144) O.D.

Model 5425-48-*(Group A) LIST 27.50

Model 5426-48-*(Group B) LIST 27.50

Model 5427-48-*(Group C) LIST 27.50

Model 5428-48-*(Group D) LIST 27.50

2ND END: Models 5426 & 5427: Sheathed Banana Jack. Brass, nickel plated. Insulation; flexible PVC. **Models 5425 & 5428:** Sheathed Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; flexible PVC. Tip polypropylene, orange.

RATING: 1500 V AC/DC Max.; 7 Amps; +50°C, (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

Shielded Test Lead



A. Shielded test probe with the shield extending to within 38.10 (1.50) of the probe tip.

Kit contains 1 each: Test Probe Assembly, Minigrabber w/6-32 Thread (Model 4011), Minigrabber w/6-32 Thread (Model 4517), and Dog Leg Micro Tip (Model 5133).

Model 5292-48 LIST 26.00 Kit

Test Probe: Removable stainless steel tip. Insulation, nylon.

6-32 Stud on 20 AWG Wire: Brass, nickel plated.

Cable: Shielded coax., RG 174/U, 2.54 (.100) O.D. Molded Breakout: PVC, black.

BNC Male: Brass body, tarnish plated. Center contact, brass, gold plated.

Boot: PVC, black. Nominal Impedance: 50 Ohms.

Rating: Operating Voltage; 500 VRMS Max., +50°C. (+122°F.) Max.

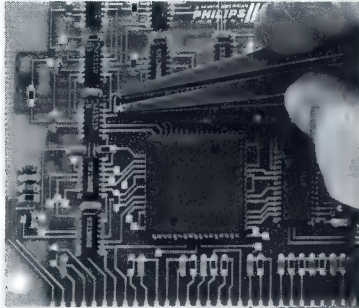
POMONA

SMD PRODUCTS

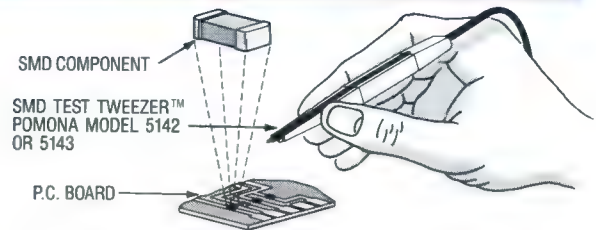
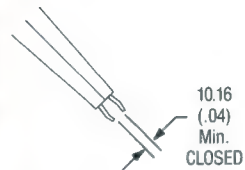
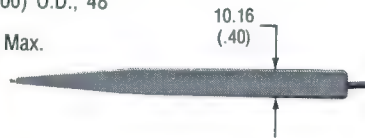
SMD TEST TWEEZER™ LEADS

The tweezer clip is specially designed for testing Surface Mounted Devices (SMD). The durable tips assure a positive electrical connection. The tweezer gives rapid and convenient testing.

SMD Test Tweezer: Tips, beryllium copper, gold plated.
Insulation; glass filled nylon, black and red.
Cable: Shielded coaxial, RG 174/U, 2.54 (.100) O.D., 48 inches long.
Rating: 400 VRMS; 3 Amps; +50°C. (+122°F.) Max.



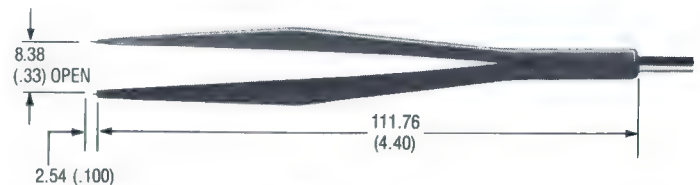
APPLICATION PHOTO



SMD COMPONENT

SMD TEST TWEEZER™
POMONA MODEL 5142
OR 5143

P.C. BOARD



SMD Test Tweezer™ Leads to BNC Male

BNC Male: Brass body, tarnish resistant plated. Center contact, brass, gold plated. Boot; PVC, black.

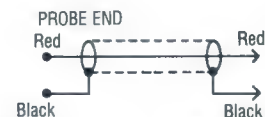
Model 5142-K-48 LIST 17.60 Ea.



SMD Test Tweezer™ Leads to Single Stacking Banana Plugs

Stacking Banana Plugs: Brass body, beryllium copper spring, nickel plated. Insulation; flexible PVC.

Model 5143-K-48 LIST 17.60 Ea.



SMD Test Tweezer™ Leads to Sleeved Banana Plugs

Sleeved Banana Plug: Brass body, beryllium copper spring, nickel plated. Insulation; flexible PVC.

Model 5676-K-48 LIST 13.00 Ea.



SMD MICROTIP™ TEST PROBE



1ST END: SMD Microtip™ Test Probe. Chuck, brass, nickel plated. Replaceable microtip, stainless steel. Insulation; nylon.
WIRE: 20 AWG 41×36 t.c., PVC insulation, 2.21mm (.087) O.D.
2ND END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.
RATING: 1200V AC/DC; 5 Amps; +55°C. (+131°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

MODEL	Length
5144-48-*	1219.2 (48.0)

The microtip is specially designed to probe SMD contacts. It features a stainless steel needle point tip that is flexible to help prevent damage to the SMD lands. The microtip is curved to aid in probing of hard to reach areas.

NET 8.20

POMONA

TEST LEAD ACCESSORIES

TEST PROBE WITH POP JACK

This Probe mates with Pomona Pop Jack accessories. Pop Jack design insures the test tips and leads remain connected during use.

Rating: 1500 V AC/DC; 10 Amps; Insulation Resistance: 5000 MegOhms.

***STD COLORS:** -0 Black, -2 Red.

Solid Tip Test Probe

Solid Tip Probe: Needle tip, brass, nickel plated. Insulation; nylon.

Repairable Tip Test Probe

Repairable Tip Probe: Needle tip, stainless steel. Insulation; nylon.



Model 5548-* LIST 3.95 Ea.



Model 5689-* LIST 5.95 Ea.

POP JACK ACCESSORIES

Pop Jack to Multimeter Plug

Wire: Silicone insulated, 48 inches long

***STD COLORS:** -0 Black, -2 Red.

Model 5595-48-* (Group A)

Model 5596-48-* (Group B)

Model 5597-48-* (Group C)

Model 5547-48-* (Group D)



LIST 5.25 Ea.

Minigrabber® Test Clip to Pop Jack

Wire: Silicone insulated, 10 inches long.

***STD COLORS:** -0 Black, -2 Red.



Model 5545-10-* LIST 4.95 Ea.

Minipincer™ Test Clip to Pop Jack

Wire: Silicone insulated, 10 inches long.

***STD COLORS:** -0 Black, -2 Red.



Model 5686-10-* LIST 6.70 Ea.

Spade Lug



Model 5546 LIST .95 Ea.

Large Test Clip

***STD COLORS:** -0 Black, -2 Red.



Model 5685-* LIST 2.70 Ea.

Pop Jack Coupler (Male to Male)

***STD COLORS:** -0 Black, -2 Red.



Model 5635-* LIST .90 Ea.

Alligator Clip

***STD COLORS:** -0 Black, -2 Red.



Model 5544-* LIST 2.45 Ea.

SLIDE-ON TIPS

Flexible Pin Tip Probe

This flexible tip easily attaches to the end of the Pomona line of test probes, allowing access of hard-to-reach areas. Model 4906 threads onto Models 4948 & 5075 after removing chuck & tip. Model 4908 inserts directly onto 2.03 (.080) dia. tip of probe.

INSULATION: PVC.

TIP: Brass, gold plated.

RATING: 3000 WVDC; 5 Amps; +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



Model 4906-* LIST 2.60 Ea.

Model 4908-* LIST 2.85 Ea.

IC Test Tip Adapter

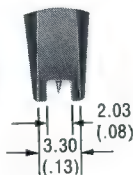
Miniature IC Test Tip fits directly over the test probe tip. The small size and recessed contact allow the IC Adapter to probe one leg of a DIP without shorting an adjacent leg. Plastic projections on either side of the contact tip slice between the DIP legs to hold adapter in place and prevent slipping.

INSULATION: Nylon.

TIP: Stainless steel.

RATING: +80°C. (+176°F.) Max.

***STD COLORS:** -0 Black, -2 Red, -5 Green.



Model 5246-* LIST 2.90 Ea.

Extended Tip

Extended Tip fits directly over the test probe tip, allowing testing of hard-to-reach points. Tip is insulated to the point, providing protection from accidental shorting of adjacent components.

INSULATION: Nylon.

TIP: Stainless steel, Kynar insulation.

RATING: +50°C. (+122°F.) Max.

***STD COLORS:** -0 Black, -2 Red.



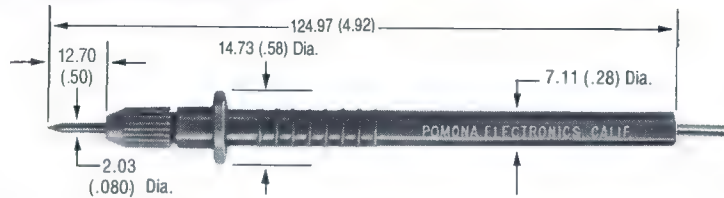
Model 5682-* LIST 3.50 Ea.

POMONA

REPLACEABLE TIP TEST LEADS

These slim miniature test probes feature a sharp replaceable needle tip. The tip easily pierces varnish or plating to give a good electrical reading.

PROBE WITH REPLACEABLE TIP



OPTIONAL ACCESSORIES: Alligator Clip, Model 1437 (page 40), IC Test Tip Adapter, Model 5246 (page 128).

Test Probe: Chuck, brass, nickel plated. Replaceable needle tip; stainless steel. Insulation; nylon.
Wire: 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 (.087) O.D., 48 inches long.
Rating: 1200 V AC/DC; 5 Amps.
***STD COLORS:** -0 Black, -2 Red.

To Stacking Banana Plug



Model 4851-48-* LIST 6.80 Ea.

To Banana Plug



Model 4410-48-* LIST 7.10 Ea.

Banana Plug: Body, brass, beryllium copper spring, nickel plated. Insulation; nylon.
Operating Temp.: +55°C. (+131°F.) Max.

To Banana Jack



Model 4852-48-* LIST 7.80 Ea.

Banana Jack: Body, brass, nickel plated. Insulation, polypropylene. +55°C. (+131°F.) Max.

To Sheathed Banana Plug



Model 5048-48-* LIST 9.45 Ea.

Banana Plug: Body, brass, beryllium copper spring, nickel plated. Insulation; nylon. +80°C. (+176°F.) Max.

To Multimeter PLug

Wire: Silicone insulated, 48 inches long.
Banana Plug: Body, brass, beryllium copper spring, nickel plated. Insulation; flexible PVC.
Operating Temp.: +50°C. (+122°F.) Max.

To In-Line Banana Plug



Model 5386-48-* LIST 7.20 Ea.

To Right Angle Banana Plug



Model 4800-48-* LIST 7.75 Ea.

To Miniature Banana Plug



Model 4847-48-* LIST 7.75 Ea.

Miniature Banana Plug: Body, brass, beryllium copper spring, gold plated. Insulation, polypropylene. +55°C. (+131°F.) Max.

To Stacking Pin Tip Plug



Model 4848-48-* LIST 7.80 Ea.

Pin Tip Plug: Body, brass, beryllium copper pin jack spring, gold plated. Insulation; polypropylene. +55°C. (+131°F.) Max.

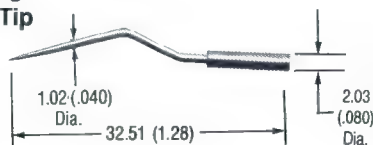


Model 5687-48-* LIST 9.00 Ea.

REPLACEMENT TIPS

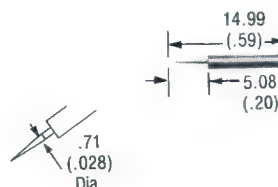
Fit all Pomona probes with replaceable tips. Sharp, stainless steel point to pierce varnish, conformal coatings for good contact. Ten per package.

Dog Leg Micro Tip



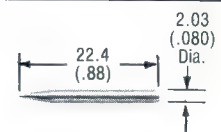
Model 5133 LIST 10.60 Pkg.

Shouldered Micro Tip



Model 4988 LIST 12.10 Pkg.

Needle Tip



Model 4174 LIST 3.85 Pkg.

Standard Brass Tip (Brass)

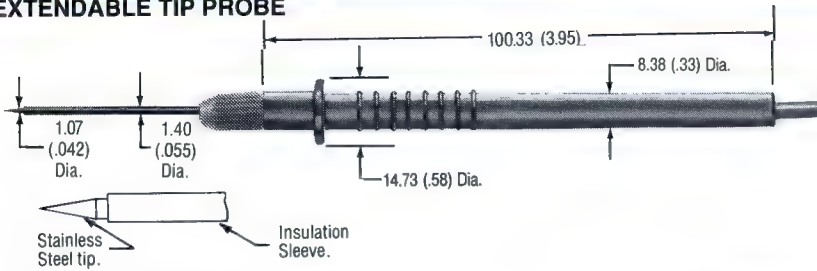


Model 5688 LIST 7.00 Pkg.

POMONA

TEST PROBES

EXTENDABLE TIP PROBE



Now you can test those hard-to reach test points with this miniature extendable test probe. The steel tip is very sharp, allowing penetration of contaminants or conformal coatings. Tip is insulated to the point, providing protection from accidental shorting to adjacent components.

Extendable Tip Probe: Collet; brass. Insulation; nylon. Tip; stainless steel. Tip insulation; Kynar.
Wire: 18 AWG, 65 X 36 t.c., PVC insulated, 3.66 (.144) O.D., 48 inches long. Except Model 5681, silicone insulated.
Rating: 1500 V AC/DC; 3 Amps Max.
***STD COLORS:** -0 Black, -2 Red.

To Stacking Banana Plug



Model 5044-48* LIST 9.65 Ea.

Banana Plug: Body, brass, beryllium copper spring, nickel plated. Insulation; polypropylene.
Operating Temp.: +55°C. (+131°F.) Max.

To Pin Tip Plug



Model 5272-48* LIST 15.95 Ea.

Pin Tip Plug: Body, brass, nickel plated. Insulation; polypropylene.
Operating Temp.: +55°C. (+131°F.) Max.

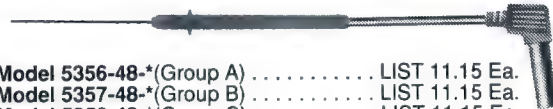
To Sheathed Banana Plug



Model 5271* LIST 17.10 Ea.

Banana Plug: Body, brass, beryllium copper spring, nickel plated. Insulation; nylon.
Operating Temp.: +80°C. (+176°F.) Max.

To Multimeter Plug

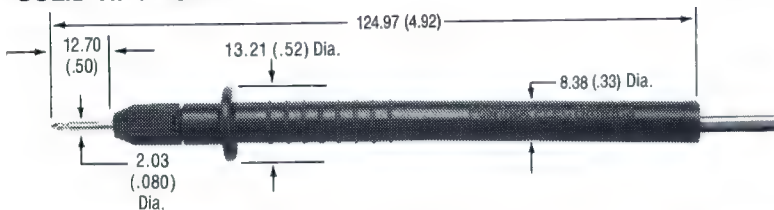


Model 5356-48*(Group A) LIST 11.15 Ea.
Model 5357-48*(Group B) LIST 11.15 Ea.
Model 5358-48*(Group C) LIST 11.15 Ea.
Model 5359-48*(Group D) LIST 11.15 Ea.
Model 5681-48*(Group D) LIST 12.00 Ea.

Model 5681 Silicone insulated wire.

Banana Plug: Body, brass, beryllium copper spring, nickel plated. Insulation; flexible PVC.
Operating Temp.: +50°C. (+122°F.) Max.

SOLID TIP PROBE



Solid Tip Probe: Needle tip, brass, nickel plated. Insulation; nylon.

Wire: 18 AWG; PVC, 3.66 (.144) O.D., 48 inches, except Model 5680, silicone insulated.
Rating: 1500 V AC/DC; 10 Amps; +50°C. (+122°C.) Max.
***SDT COLORS:** -0 Black, -2 Red.

To Multimeter Plug



Model 5433-48*(Group A) LIST 6.00 Ea.
Model 5434-48*(Group B) LIST 6.00 Ea.
Model 5435-48*(Group C) LIST 6.00 Ea.
Model 5436-48*(Group D) LIST 6.00 Ea.
Model 5680-48*(Group D) LIST 7.50 Ea.

Model 5680 is Field Repairable and has Silicone insulated wire.

Banana Plug: Body, brass, beryllium copper spring, nickel plated. Insulation; flexible PVC.

To Right Angle Banana Plug



Model 5683-48* LIST 4.20 Ea.

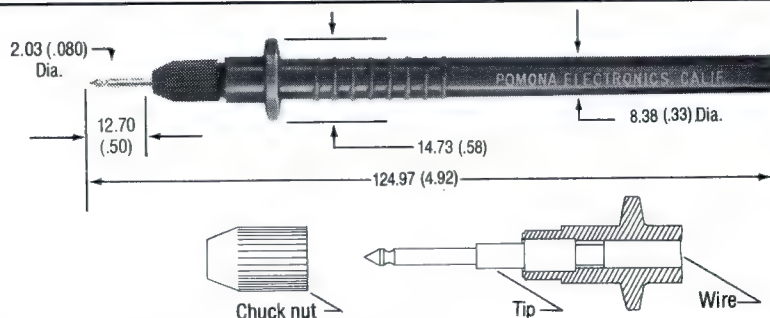
Banana Plug: Body, brass, beryllium copper spring, nickel plated. Insulation; flexible PVC.

DO-IT-YOURSELF MINIATURE TEST PROBE

Install this miniature probe on the end of any test lead having a maximum O.D. of 2.92 (.115) dia. and wire gauge of 22 to 18 AWG. Simply remove chuck and tip. Strip wire 3.18 (.125) and feed through test probe body. Solder or crimp to small end of tip. Insert tip into test probe and tighten chuck nut.

Material: Brass.
Finish: Nickel plated.
Insulation: Nylon.
Rating: 1500 V AC/DC; 10 Amps; +80°C. (+176°F.) Max.
***STD COLORS:** -0 Black, -2 Red.

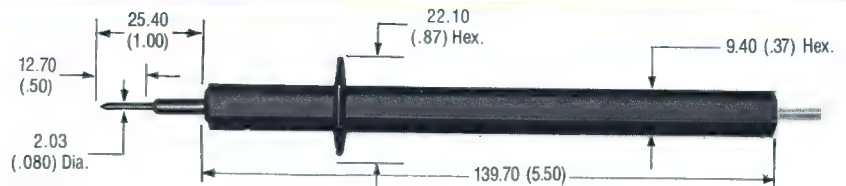
Model 5432* LIST 2.45 Ea.



POMONA

LARGE SIZE TEST PROBES

LARGE TEST PROBE



Large Test Probe: Brass, nickel plated. Insulation; nylon.

Large Test Probe to Banana Plug

Wire: 18 AWG, 65 X 36 t.c., 3.66 (.144) O.D., 36 or 48 inches long.

Banana Plug: Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.

Rating: 3000 WVDC Max.; 7 Amps; +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

Model 4853-36* LIST 8.00 Ea.

Model 4853-48* LIST 8.00 Ea.

Large Test Probe Kit

Kit contains 2 pcs. Large Test Probe Lead (**Model 4853-48**), one black and one red.

Model 5311-48 LIST 13.50 Kit

Shielded Test Probe to Double Banana Plug

A shielded test probe with the shield extending to within 38.10 (1.50) of the probe tip end. Insulated minigator clip connected to shield lead.

Lead Wire: 20 AWG, 41 X 36, PVC insulated, 2.21 (.087) O.D. Minigator, steel, cadmium plated. Insulation, vinyl, black.

Cable: Shielded coaxial, RG 58C/U, 4.95 (.195) O.D.

Double Banana Plug: Brass body, beryllium copper spring, nickel plated. Insulation; polyethylene, black.

Rating: 1400 VRMS; +50°C. (+122°C.) Max.

Model 4858-C-48* LIST 19.50 Ea.

Shielded Test Probe to BNC Male

Lead Wire: 20 AWG, 41 X 36 t.c., PVC insulated, 2.21 (.087) O.D., Minigator, steel, cadmium plated. Insulation; vinyl, black.

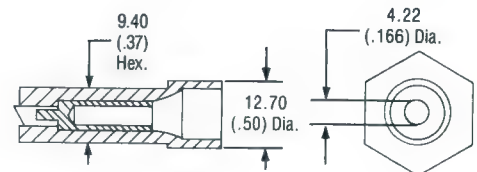
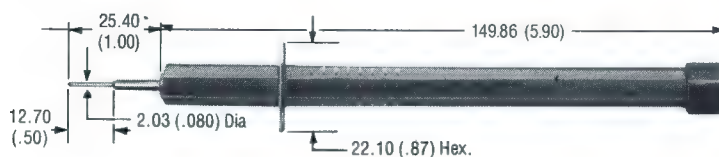
Cable: Shielded coaxial, RG 58C/U, 4.95 (.195) O.D.

BNC Male: Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms.

Rating: Operating Voltage: 500 VRMS Max.; +50°C. (+122°F.) Max.

Model 4857-C-48* LIST 19.50 Ea.

LARGE TEST PROBE TO BANANA JACK



Model 5072* LIST 5.45 Ea.

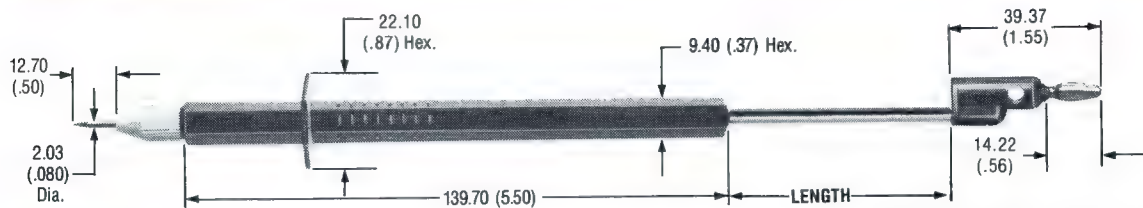
Banana jack in handle is sheathed to help prevent accidental shorting due to partial insertion. Allows the use of standard banana plug test leads. Finger guard molded to probe helps prevent fingers from slipping

1ST END: Probe Tip. Brass, nickel plated. Insulation; nylon.
2ND END: Banana Jack. Brass, nickel plated.
RATING: 3000 VDC Max.; 10 Amps; +80°C. (+176°F.) Max.
***STD. COLORS:** -0 Black, -2 Red.

POMONA

LARGE SIZE TEST PROBES

LARGE TEST PROBE TO STACKING BANANA PLUG



MODEL	Length	LIST
4948-36-*	914.4(36.0)	8.35
4948-48-*	1219.2(48.0)	8.55

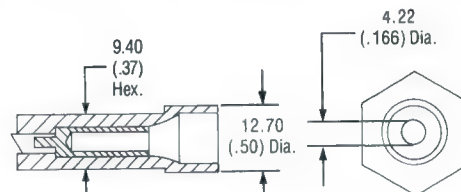
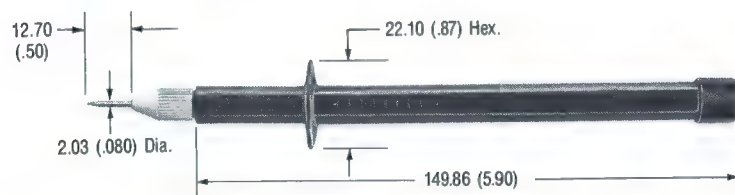
1ST END: Large Test Probe. Body, brass, nickel plated. Replaceable needle tip, stainless steel. Insulation; nylon.
WIRE: 18 AWG, 65 x 36 t.c., PVC insulated. 3.66 mm (.144) O.D.
2ND END: Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation; polypropylene.

RATING: 3000 VDC Max.; 7 Amps; +55°C. (+131°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

OPTIONAL ACCESSORIES: Flexible Pin Tip Probe, model 4906 & IC Test Tip Adapter, model 5246 (page 128).

LARGE TEST PROBE (NEEDLE TIP) TO BANANA JACK



1ST END: Large Test Probe. Brass, nickel plated. Replaceable needle tip, stainless steel. Insulation; nylon.

2ND END: Banana Jack. Brass, nickel plated.

RATING: 3000 VDC Max.; 7 Amps; +80°C. (+176°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

OPTIONAL ACCESSORIES: Flexible Pin Tip Probe, model 4906 & IC Test Tip Adapter, model 5246 (page 128).

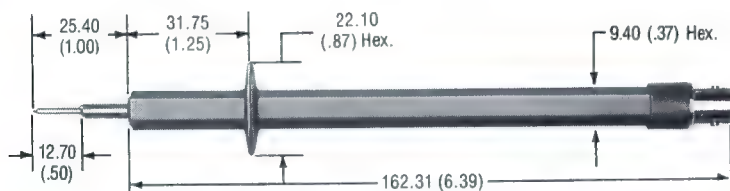
LIST 5.65

MODEL
5075-*

Sharp replaceable needle tip allows testing of encapsulated circuits. Banana jack in handle is sheathed to help prevent accidental shorting due to partial insertion. Finger guard molded to probe helps prevent fingers from slipping onto tip.

NOTE: This model supersedes Models 1705, 4545 and 4854.

LARGE TEST PROBE TO BNC FEMALE



Center contact of BNC female in handle connected to tip. Shield extends to within 38.10 mm (1.50) of the probe tip end.

1ST END: Probe Tip. Brass, nickel plated. Insulation; nylon.

2ND END: BNC female. Brass body, tarnish resistant plated. Center

contact, beryllium copper, gold plated. Nominal Impedance: 50 Ohms.

RATING: Operating Voltage: 500 VRMS Max.; +80°C. (+176°F.) Max.

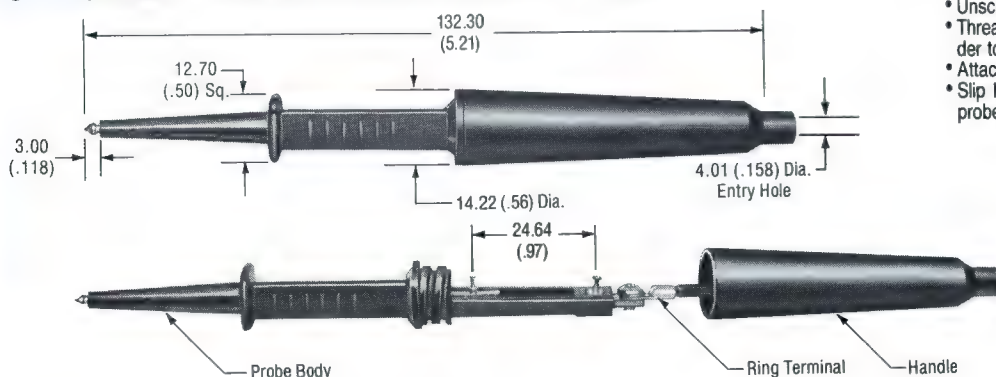
NOTE: This model supersedes Models 1748 and 4548.

***STD COLORS:** -0 Black, -2 Red.

LIST 10.00

MODEL
4856-*

DO-IT-YOURSELF COMPONENT MOUNTING TEST PROBE



SIMPLIFIED COMPONENT INSTALLATION

- Unscrew handle from probe body.
- Thread wire through hole in handle and crimp or solder to ring terminal.
- Attach and solder component to turret terminals.
- Slip handle over component and thread handle to probe assembly.

This do-it-yourself component mounting test probe enables the user to create his own compensated probe. Discrete components, such as resistors, capacitors, filters, etc., can be soldered between the two solder turrets. The probe features a square shaped finger grip with threaded handle.

MATERIAL: Test probe tip and solder lugs, brass.

FINISH: Test probe tip, nickel plated. Solder lugs, silver plated.

INSULATION: Nylon.

RATING: 1200 V AC/DC Max.; +80°C. (+176°F.) Max.

***STD COLORS:** -0 Black, -2 Red.

LIST 5.75

MODEL
4971-*

POMONA

OSCILLOSCOPE PROBE KITS

100 MHz Monolithic Oscilloscope Probes

These probes are the least expensive quality probes.

FEATURES:

- Use with any Scope up to 100 MHz
- X1,X10 attenuation and switchable X1, X10
- Least expensive
- Strong measuring tips resist breakage
- Ultra flexible cable for handling ease
- Soft strain reliefs prolong cable life



MODEL	Attn	Cable Length	Input Impedance		BW	Max Input V	Compensation Range	LIST
			R	C				
5621	x10	1.5	1 MegOhm	47 pF	20 MHz	600 V		29.00
5622	x10	1.5	10 MegOhms	9.5 pF	100 MHz	600 V	10-60pF	38.00
4550	x1 - x10 Switchable	1.5 (4.92 ft)	$\frac{x1 - x10}{1 \quad 10}$	$\frac{x1 - x10}{* \quad 17.5}$	$\frac{x1 - x10}{10 \quad 100}$	600 V	10-60pF	43.00
5705	x10	2.0	10 MegOhms	13pF	100 MHz	600 V	10-60 pF	38.00
5706	x1 -x10 Switchable	2.0 (6.56 ft)	$\frac{x1 - x10}{1 \quad 10}$	$\frac{x1 - x10}{* \quad 17.5}$	$\frac{x1 - x10}{10 \quad 100}$	600V	10-60 pF	49.00

*Same as Scope

Contact factory to order replacement parts.

150 MHz Monolithic Oscilloscope Probes

These probes provide superior performance in an economical probe. Circuitry gives faster risetime and sharp pulse response. Model 5703 has self cleaning contacts on switch for greater reliability.

FEATURES:

- Use with any Scope
- X1,X10 attenuation and switchable X1, X10
- Bandwidth exceeds 150 MHz
- Risetime less than 1.5 nanosec.
- 30 - 50% lower cost
- Protected against noise pickup & moisture
- Strong measuring tips resist breakage
- Ultra flexible cable for handling ease
- Soft strain reliefs prolong cable life



MODEL	Attn	Cable Length	R	C	BW	Risetime	Max Input V	Compensation Range	LIST
5702	x1	1.2	1 MegOhm	70 pF	35 MHz	10 nsc	600 V		31.00
5703	x10	1.2	10 MegOhm	12 pF	>150 MHz	<1.5 ns	600 V	10-40pF	42.00
5704	x1-x10 Switchable	1.2 (4.92 ft)	$\frac{x1-x10}{1 \quad 10}$	$\frac{x1-x10}{* \quad 11.5}$	$\frac{x1-x10}{15 \quad >150}$	$\frac{x1-x10}{10 \quad <1.5 \text{ ns}}$	600 V	10-40pF	49.00

*Same as Scope

Contact factory to order replacement parts.

POMONA

OSCILLOSCOPE PROBE KITS

250 MHz Monolithic Oscilloscope Probes

The small size of these Probes is useful in Engineering and Service applications. The replaceable Gold Tips allow the user to insert heavy duty tip for production or use .76 (.030) dia. Tip for dense circuitry applications. The miniature size is ideal for connecting several Probes to Pomona's DIP Clip and SMD Test Adapters.

FEATURES:

- Gold plated interchangeable Tips .76 (.030) & 1.40 (.055) dia.
- Use with any Scope
- X1,X10 sttenuation and switchable X1, X10
- Bandwidth to 250 MHz
- Low capacitance
- Ideal for SMD work



MODEL	Attn	Cable Length	Input Impedance R C	BW -3dB	Max Input V	Compensation Range	LIST
5618	x1-x10	1.5	1 MegOhm 60 pF	250 MHz	1x 100 V	10-35pF	52.00
5619*			10 MegOhm 14 pF		10x 500 V		75.00
5620	x10	1.5	10 MegOhm 13pF	250 MHz	500 V	10-35pF	47.00

*Model 5619 has Readout Actuator option.

Contact factory to order replacement parts.

250 MHz Repairable Oscilloscope Probes

Any failed part can be replaced in seconds. Parts screw together so no soldering is required.

FEATURES:

- Use with any Scope
- X1,X10 attenuation and switchable X1, X10
- For Scopes up to 250 MHz
- Ultra flexible cable for handling eases
- Durable, Longer Lasting



MODEL	Attn	Cable Length	Input Impedance R C	BW	Max Input V	Compensation Range	LIST
5586	x1	1.2	1 MegOhm 45 pF	30 MHz	600 V		39.00
5587	x10	1.2	10 MegOhm 16 pF	250 MHz	600 V	10-60pF	62.00
5590*	x10	1.2	10 MegOhm 16 pF	250 MHz	600 V	10-60 pF	68.00
5707	x10	2.0	10 MegOhm 25 pF	250 MHz	600 V	10-60pF	68.00
5588	x1, x10 Switchable	1.2	$\frac{x1}{10}$ $\frac{x10}{10}$ Same as Scope	$\frac{x1}{10}$ $\frac{x10}{250}$	600 V	10-60pF	72.00
5709*	x10	2.0	10 MegOhm 25 pF	250 MHz	600 V	10-60 pF	74.00
5708*	x1-x10 Switchable	2.0	$\frac{x1}{10}$ $\frac{x10}{10}$ Same as Scope	$\frac{x1}{5}$ $\frac{x10}{100}$	600 V	10-60 pF	78.00

*Activates readout on scopes with readout feature (automatic scale factor).

Contact factory to order replacement parts.

POMONA

STATIC CONTROL PRODUCTS

This group of static control products features interchangeable components and provides a complete grounding system.

Other products which will expand the versatility of this system include:

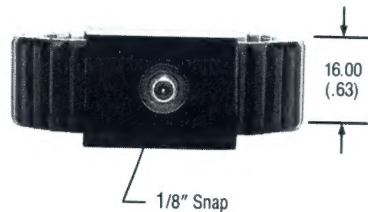
Large Test Clip, Model 5059
Alligator Clip, Model 2240
Pin Tip Adapter, Model 1432
Minigrabber® Test Clip, Model 4723

STATIC CONTROL WRIST BAND

These metal expansion bands are Speidel watch bands with a patented design to prevent pinching. Fully insulated on all outer surfaces to protect wearer against electrical hazards. Available in three sizes.

MATERIAL: Stainless steel.

INSULATION: Black polyester film.



MODEL	Sizes	Circumference Min.	Max.
5528	Large	7.25	13.0
5529	Medium	6.50	12.0
5530	Small	5.50	10.0

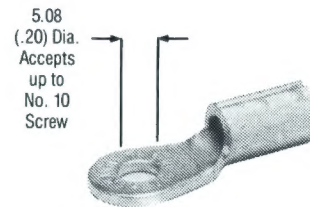
LIST 16.95

RING TERMINAL

Attach this terminal to anything to create a banana jack for grounding wrist strap.

MATERIAL: High conductivity copper.

FINISH: Tin plated.



MODEL
5531

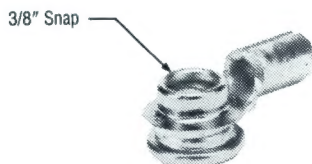
LIST 1.50

STACKING SNAP BANANA JACK

Attach this jack to either 3/8" snap stud (male) or 3/8" snap socket (female). It also allows multiple attachment to the same grounding point.

MATERIAL: High conductivity copper.

FINISH: Tin plated.



MODEL
5532

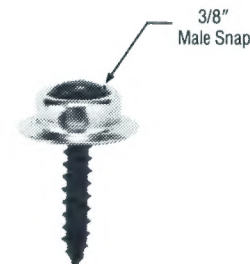
LIST 2.25

SCREW DOWN SNAP STUD

This snap screw provides a secure grounding point when installed in a metal frame. Drill a 1/16" hole and use self threading screw for a quick installation.

MATERIAL: Steel.

FINISH: Black oxide.

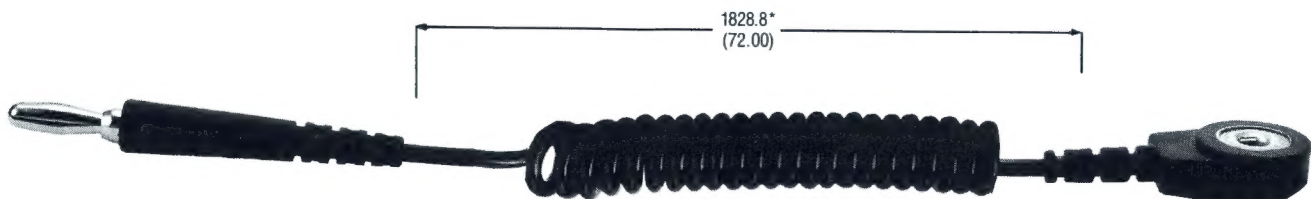


MODEL
5533

LIST .75

STATIC CONTROL GROUND CORD

This patch cord features a molded-in 1 Megohm, 1/4 Watt, Carbon film resistor.



*Retracted length: 304.8mm (12.00)

1ST END: Banana Plug. Nickel plated brass body, beryllium copper spring. PVC insulation.

WIRE: Coiled tinsel cord, 2 bundles, 7 strands, silver vinyl jacket, 2.54 mm (.100) O.D. Color: Black

2ND END: 1/8" Snap. Nickel plated brass. Kraton insulation.

MODEL
5534

LIST 12.95

POMONA

ORDERING INFORMATION

WIRE AND CABLE LENGTHS:

Patch cord, cable assemblies and lead lengths of the same model number may be aggregated for quantity discounts. Lengths other than those listed can be ordered as custom products through your local factory representative.

GENERAL:

All items that are not specifically listed in the catalog are custom products. This includes lengths and colors not listed in the catalog. If you need any assistance, please call the Sales Representative listed on the back cover or you may call Pomona Electronics directly at (714) 623-3463 and ask for an Applications Engineer. You may also mail your request to the Sales Representative or the factory using the address found on the back cover.

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We accept VISA. When placing your order, please furnish card number, expiration date and your telephone. Call (714) 623-3463 and your order will be shipped immediately. A service charge will be applied. The minimum order does not apply.

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Private labeling and color matches to customer's product extends the quality image, while your name is safe because of Pomona quality.

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Our Standards Of Quality Extend Into Our Specials

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Nonetheless, Pomona's quality is assured. From the simplest modification of a standard catalog product, to a unique assembly or design, only the finest quality materials are used. And, because Pomona offers so many years of experience in solving testing problems, you can rely on prompt response to your requirements.

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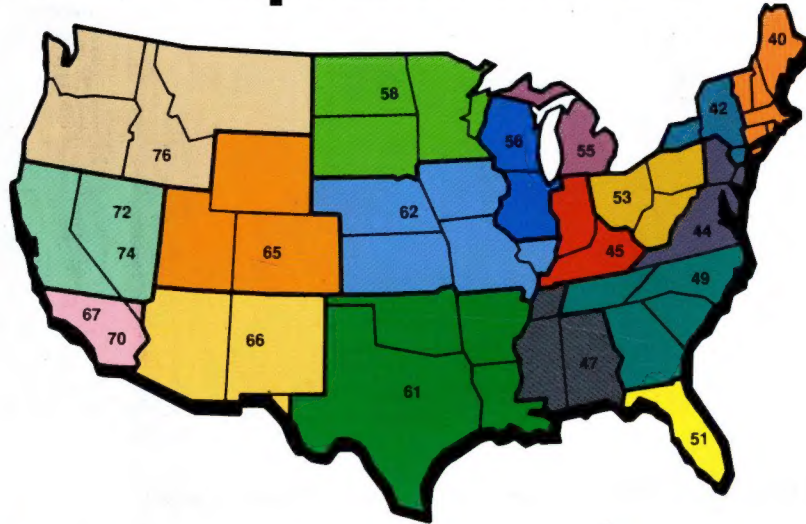
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